

NASA Contractor Report 189656, Volume 7

FINAL TECHNICAL REPORT

For

**Support Activities to Maintain SUMS
Flight Readiness**

Contract No. NAS1-17399

**Volume 7 of 9
Attachment B: Flight STS-35 Report
(Section E)**

submitted to

**National Aeronautics and Space Administration
Langley Research Center
Hampton, Virginia 23665-5225**

by

**The University of Texas at Dallas
P.O. Box 830688
Richardson, Texas 75083-0688**

(NASA-CR-189656-Vol-7) SUPPORT ACTIVITIES
TO MAINTAIN SUMS FLIGHT READINESS, VOLUME 7.
ATTACHMENT B: FLIGHT STS-35 REPORT, SECTION
E (Texas Univ. at Dallas) 159 p

N92-30223

Unclas
G3/19 0109359

2.0 Entry Data

2.2 Printout of Peaks, Entry

DATA FROM PK35ENT

TIME	44	40	32	30	28
16743.434	2.42E-12	1.94E-12	3.72E-12	4.90E-13	6.25E-11
16748.431	2.39E-12	1.91E-12	3.72E-12	5.50E-13	6.25E-11
16753.437	2.42E-12	1.91E-12	3.69E-12	5.19E-13	6.20E-11
16758.435	2.45E-12	1.92E-12	3.75E-12	5.42E-13	6.25E-11
16763.441	2.39E-12	1.91E-12	3.69E-12	5.27E-13	6.25E-11
16768.439	2.42E-12	1.91E-12	3.69E-12	5.27E-13	6.20E-11
16773.436	2.39E-12	1.92E-12	3.66E-12	5.35E-13	6.20E-11
16778.442	2.42E-12	1.89E-12	3.72E-12	5.27E-13	6.25E-11
16783.440	2.39E-12	1.84E-12	3.69E-12	5.11E-13	6.20E-11
16788.437	2.42E-12	1.88E-12	3.63E-12	5.00E-13	6.15E-11
16793.443	2.45E-12	1.88E-12	3.69E-12	5.11E-13	6.20E-11
16798.441	2.39E-12	1.92E-12	3.72E-12	5.42E-13	6.20E-11
16803.438	2.36E-12	1.84E-12	3.66E-12	4.90E-13	6.20E-11
16808.445	2.42E-12	1.91E-12	3.66E-12	5.11E-13	6.15E-11
16813.442	2.42E-12	1.91E-12	3.66E-12	5.35E-13	6.20E-11
16818.448	2.39E-12	1.86E-12	3.66E-12	4.84E-13	6.20E-11
16823.446	2.39E-12	1.91E-12	3.69E-12	5.42E-13	6.20E-11
16828.443	2.39E-12	1.92E-12	3.69E-12	5.35E-13	6.15E-11
16833.450	2.42E-12	1.88E-12	3.72E-12	5.35E-13	6.20E-11
16838.447	2.39E-12	1.91E-12	3.69E-12	5.19E-13	6.20E-11
16843.453	2.36E-12	1.86E-12	3.66E-12	5.13E-13	6.15E-11
16848.451	2.36E-12	1.86E-12	3.63E-12	5.35E-13	6.15E-11
16858.455	2.36E-12	1.89E-12	3.66E-12	5.42E-13	6.15E-11
16863.452	2.36E-12	1.88E-12	3.66E-12	5.11E-13	6.15E-11
16868.458	2.32E-12	1.84E-12	3.69E-12	5.04E-13	6.15E-11
16878.453	2.39E-12	1.89E-12	3.66E-12	5.27E-13	6.15E-11
16883.459	2.39E-12	1.89E-12	3.66E-12	5.73E-13	6.15E-11
16888.457	2.39E-12	1.84E-12	3.63E-12	5.13E-13	6.15E-11
16893.454	2.32E-12	1.86E-12	3.66E-12	5.06E-13	6.20E-11
16898.461	2.36E-12	1.86E-12	3.63E-12	4.90E-13	6.15E-11
16903.458	2.42E-12	1.88E-12	3.69E-12	5.35E-13	6.15E-11
16908.464	2.36E-12	1.86E-12	3.63E-12	5.27E-13	6.10E-11
16913.462	2.32E-12	1.80E-12	3.66E-12	5.13E-13	6.15E-11
16918.459	2.36E-12	1.91E-12	3.60E-12	4.98E-13	6.15E-11
16923.466	2.39E-12	1.89E-12	3.69E-12	5.04E-13	6.15E-11
16928.463	2.32E-12	1.88E-12	3.60E-12	5.11E-13	6.10E-11
16933.460	2.32E-12	1.84E-12	3.69E-12	5.11E-13	6.15E-11
16938.467	2.36E-12	1.89E-12	3.66E-12	5.27E-13	6.15E-11
16943.464	2.39E-12	1.86E-12	3.63E-12	5.06E-13	6.15E-11
16948.470	2.39E-12	1.89E-12	3.63E-12	5.27E-13	6.10E-11
16953.468	2.39E-12	1.88E-12	3.66E-12	4.96E-13	6.15E-11
16958.465	2.39E-12	1.88E-12	3.66E-12	5.19E-13	6.15E-11
16963.472	2.36E-12	1.92E-12	3.63E-12	5.27E-13	6.15E-11
16968.469	2.36E-12	1.91E-12	3.66E-12	4.90E-13	6.15E-11
16973.466	2.36E-12	1.88E-12	3.69E-12	5.04E-13	6.20E-11
16978.473	2.39E-12	1.84E-12	3.63E-12	5.58E-13	6.15E-11
16983.470	2.36E-12	1.89E-12	3.66E-12	5.35E-13	6.15E-11
16988.477	2.36E-12	1.88E-12	3.66E-12	4.96E-13	6.10E-11
16993.474	2.32E-12	1.84E-12	3.60E-12	4.96E-13	6.20E-11
16998.471	2.42E-12	1.89E-12	3.63E-12	5.04E-13	6.15E-11
17003.478	2.32E-12	1.86E-12	3.60E-12	5.58E-13	6.15E-11
17008.475	2.39E-12	1.86E-12	3.69E-12	5.21E-13	6.20E-11
17013.481	2.29E-12	1.89E-12	3.63E-12	4.90E-13	6.20E-11
17018.479	2.36E-12	1.91E-12	3.66E-12	5.11E-13	6.15E-11
17023.476	2.36E-12	1.88E-12	3.66E-12	4.90E-13	6.15E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
17028.483	2.36E-12	1.89E-12	3.66E-12	5.27E-13	6.10E-11
17033.480	2.32E-12	1.88E-12	3.69E-12	5.58E-13	6.15E-11
17038.477	2.32E-12	1.91E-12	3.69E-12	5.04E-13	6.20E-11
17043.484	2.36E-12	1.88E-12	3.66E-12	5.29E-13	6.15E-11
17048.481	2.32E-12	1.88E-12	3.63E-12	5.11E-13	6.15E-11
17053.488	2.39E-12	1.91E-12	3.66E-12	5.11E-13	6.20E-11
17058.485	2.36E-12	1.88E-12	3.69E-12	5.35E-13	6.15E-11
17063.482	2.39E-12	1.86E-12	3.66E-12	5.35E-13	6.15E-11
17068.489	2.39E-12	1.89E-12	3.66E-12	5.50E-13	6.15E-11
17073.486	2.36E-12	1.86E-12	3.66E-12	5.27E-13	6.20E-11
17078.484	2.32E-12	1.92E-12	3.66E-12	5.19E-13	6.15E-11
17083.490	2.36E-12	1.86E-12	3.69E-12	5.19E-13	6.15E-11
17088.487	2.39E-12	1.91E-12	3.60E-12	5.42E-13	6.20E-11
17093.494	2.36E-12	1.89E-12	3.66E-12	5.35E-13	6.20E-11
17098.491	2.32E-12	1.86E-12	3.66E-12	5.06E-13	6.15E-11
17103.488	2.42E-12	1.89E-12	3.66E-12	5.35E-13	6.15E-11
17108.495	2.36E-12	1.86E-12	3.66E-12	5.50E-13	6.20E-11
17113.492	2.32E-12	1.89E-12	3.69E-12	4.96E-13	6.20E-11
17118.499	2.39E-12	1.91E-12	3.66E-12	5.35E-13	6.20E-11
17123.496	2.36E-12	1.88E-12	3.66E-12	4.96E-13	6.20E-11
17128.493	2.36E-12	1.89E-12	3.66E-12	5.42E-13	6.20E-11
17133.500	2.29E-12	1.89E-12	3.69E-12	5.37E-13	6.20E-11
17138.497	2.36E-12	1.89E-12	3.69E-12	4.96E-13	6.15E-11
17143.495	2.39E-12	1.94E-12	3.69E-12	5.42E-13	6.15E-11
17148.501	2.42E-12	1.94E-12	3.72E-12	6.05E-13	6.20E-11
17153.498	2.36E-12	1.86E-12	3.72E-12	5.42E-13	6.20E-11
17158.496	2.36E-12	1.86E-12	3.69E-12	5.04E-13	6.20E-11
17163.502	2.29E-12	1.84E-12	3.66E-12	5.19E-13	6.15E-11
17168.500	2.36E-12	1.86E-12	3.66E-12	5.11E-13	6.20E-11
17173.506	2.39E-12	1.92E-12	3.66E-12	4.84E-13	6.20E-11
17178.503	2.36E-12	1.91E-12	3.66E-12	5.19E-13	6.25E-11
17183.501	2.36E-12	1.88E-12	3.72E-12	5.19E-13	6.25E-11
17188.507	2.42E-12	1.88E-12	3.72E-12	5.74E-13	6.20E-11
17193.504	2.36E-12	1.89E-12	3.69E-12	5.27E-13	6.20E-11
17198.511	2.42E-12	1.94E-12	3.72E-12	5.11E-13	6.25E-11
17203.508	2.36E-12	1.95E-12	3.69E-12	5.27E-13	6.25E-11
17208.506	2.32E-12	1.86E-12	3.63E-12	5.35E-13	6.20E-11
17213.512	2.39E-12	1.86E-12	3.66E-12	5.04E-13	6.20E-11
17218.509	2.39E-12	1.91E-12	3.66E-12	5.27E-13	6.25E-11
17223.516	2.36E-12	1.92E-12	3.66E-12	5.04E-13	6.25E-11
17228.513	2.39E-12	1.91E-12	3.66E-12	5.27E-13	6.20E-11
17233.511	2.36E-12	1.92E-12	3.75E-12	5.50E-13	6.20E-11
17238.517	2.42E-12	1.92E-12	3.66E-12	5.50E-13	6.25E-11
17243.514	2.39E-12	1.91E-12	3.69E-12	5.42E-13	6.25E-11
17248.512	2.39E-12	1.89E-12	3.66E-12	5.42E-13	6.20E-11
17253.518	2.39E-12	1.89E-12	3.69E-12	5.21E-13	6.20E-11
17258.515	2.42E-12	1.91E-12	3.69E-12	5.11E-13	6.25E-11
17263.522	2.36E-12	1.89E-12	3.69E-12	5.73E-13	6.25E-11
17268.519	2.39E-12	1.91E-12	3.69E-12	5.42E-13	6.20E-11
17273.517	2.36E-12	1.88E-12	3.72E-12	5.27E-13	6.25E-11
17278.523	2.45E-12	1.92E-12	3.66E-12	5.35E-13	6.25E-11
17283.520	2.42E-12	1.91E-12	3.72E-12	5.35E-13	6.25E-11
17288.518	2.42E-12	1.91E-12	3.72E-12	5.50E-13	6.20E-11
17293.524	2.39E-12	1.91E-12	3.66E-12	4.96E-13	6.20E-11
17298.522	2.36E-12	1.94E-12	3.66E-12	5.13E-13	6.25E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
17303.528	2.39E-12	1.91E-12	3.72E-12	4.90E-13	6.25E-11
17308.525	2.42E-12	1.89E-12	3.66E-12	5.04E-13	6.20E-11
17313.523	2.36E-12	1.92E-12	3.72E-12	5.11E-13	6.25E-11
17318.529	2.39E-12	1.95E-12	3.72E-12	5.58E-13	6.25E-11
17323.527	2.36E-12	1.89E-12	3.75E-12	5.35E-13	6.25E-11
17328.524	2.39E-12	1.91E-12	3.72E-12	5.19E-13	6.20E-11
17333.530	2.45E-12	1.92E-12	3.69E-12	5.11E-13	6.20E-11
17338.528	2.36E-12	1.91E-12	3.69E-12	5.35E-13	6.25E-11
17343.534	2.39E-12	1.97E-12	3.66E-12	5.27E-13	6.25E-11
17348.531	2.42E-12	1.91E-12	3.69E-12	5.81E-13	6.20E-11
17353.529	2.39E-12	1.95E-12	3.72E-12	5.35E-13	6.20E-11
17358.535	2.36E-12	1.94E-12	3.72E-12	5.27E-13	6.25E-11
17363.533	2.39E-12	1.92E-12	3.69E-12	5.50E-13	6.25E-11
17368.539	2.39E-12	1.91E-12	3.69E-12	5.35E-13	6.20E-11
17373.536	2.39E-12	1.91E-12	3.66E-12	5.35E-13	6.20E-11
17378.534	2.42E-12	1.91E-12	3.69E-12	5.50E-13	6.25E-11
17383.540	2.36E-12	1.89E-12	3.72E-12	5.11E-13	6.25E-11
17388.538	2.36E-12	1.89E-12	3.66E-12	4.98E-13	6.20E-11
17393.535	2.32E-12	1.95E-12	3.69E-12	5.66E-13	6.20E-11
17398.541	2.39E-12	1.92E-12	3.69E-12	5.27E-13	6.25E-11
17403.539	2.36E-12	1.92E-12	3.72E-12	5.50E-13	6.25E-11
17408.545	2.42E-12	1.89E-12	3.69E-12	5.50E-13	6.20E-11
17413.543	2.39E-12	1.91E-12	3.75E-12	5.58E-13	6.25E-11
17418.540	2.39E-12	1.92E-12	3.69E-12	5.35E-13	6.25E-11
17423.546	2.45E-12	1.94E-12	3.72E-12	5.27E-13	6.25E-11
17428.544	2.39E-12	1.89E-12	3.66E-12	5.35E-13	6.20E-11
17433.541	2.36E-12	1.94E-12	3.69E-12	5.73E-13	6.25E-11
17438.547	2.36E-12	1.94E-12	3.66E-12	5.35E-13	6.25E-11
17443.545	2.39E-12	1.92E-12	3.72E-12	4.98E-13	6.25E-11
17448.551	2.39E-12	1.91E-12	3.72E-12	5.50E-13	6.20E-11
17453.549	2.39E-12	1.91E-12	3.72E-12	5.19E-13	6.25E-11
17458.546	2.39E-12	1.94E-12	3.75E-12	5.27E-13	6.25E-11
17463.552	2.36E-12	1.91E-12	3.66E-12	5.27E-13	6.25E-11
17468.550	2.36E-12	1.91E-12	3.69E-12	5.42E-13	6.20E-11
17473.556	2.45E-12	1.95E-12	3.72E-12	5.50E-13	6.25E-11
17478.554	2.42E-12	1.92E-12	3.69E-12	5.29E-13	6.25E-11
17483.551	2.39E-12	2.00E-12	3.72E-12	5.58E-13	6.25E-11
17488.557	2.42E-12	1.95E-12	3.72E-12	5.35E-13	6.25E-11
17493.555	2.42E-12	1.91E-12	3.72E-12	5.42E-13	6.25E-11
17498.552	2.45E-12	1.95E-12	3.69E-12	5.50E-13	6.25E-11
17503.558	2.39E-12	1.94E-12	3.72E-12	5.19E-13	6.25E-11
17508.556	2.39E-12	1.95E-12	3.72E-12	5.58E-13	6.25E-11
17513.553	2.39E-12	1.95E-12	3.69E-12	5.35E-13	6.25E-11
17518.560	2.39E-12	1.89E-12	3.72E-12	5.04E-13	6.25E-11
17523.557	2.39E-12	1.88E-12	3.75E-12	5.66E-13	6.25E-11
17528.563	2.42E-12	1.95E-12	3.69E-12	5.66E-13	6.20E-11
17533.561	2.39E-12	1.92E-12	3.69E-12	5.50E-13	6.25E-11
17538.558	2.42E-12	1.92E-12	3.75E-12	5.27E-13	6.25E-11
17543.565	2.45E-12	1.95E-12	3.72E-12	5.27E-13	6.25E-11
17548.562	2.36E-12	1.91E-12	3.75E-12	5.50E-13	6.25E-11
17553.568	2.42E-12	1.98E-12	3.75E-12	5.35E-13	6.25E-11
17558.566	2.42E-12	1.97E-12	3.69E-12	5.27E-13	6.25E-11
17563.563	2.36E-12	1.92E-12	3.75E-12	5.58E-13	6.25E-11
17568.570	2.39E-12	1.95E-12	3.72E-12	5.97E-13	6.25E-11
17573.567	2.39E-12	1.94E-12	3.75E-12	5.35E-13	6.25E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
17578.573	2.39E-12	1.97E-12	3.72E-12	5.19E-13	6.25E-11
17583.571	2.39E-12	1.95E-12	3.72E-12	5.58E-13	6.25E-11
17588.568	2.42E-12	1.95E-12	3.69E-12	5.19E-13	6.25E-11
17593.575	2.39E-12	1.92E-12	3.72E-12	5.27E-13	6.25E-11
17598.572	2.42E-12	1.97E-12	3.72E-12	5.42E-13	6.25E-11
17603.569	2.39E-12	1.91E-12	3.72E-12	5.66E-13	6.25E-11
17608.576	2.39E-12	1.95E-12	3.69E-12	5.27E-13	6.25E-11
17613.573	2.39E-12	1.97E-12	3.72E-12	5.50E-13	6.25E-11
17618.580	2.45E-12	1.92E-12	3.69E-12	5.42E-13	6.25E-11
17623.577	2.39E-12	1.92E-12	3.72E-12	5.58E-13	6.25E-11
17633.581	2.39E-12	1.92E-12	3.69E-12	5.13E-13	6.25E-11
17638.578	2.45E-12	1.95E-12	3.72E-12	5.35E-13	6.25E-11
17643.576	2.42E-12	1.95E-12	3.75E-12	5.19E-13	6.25E-11
17648.582	2.39E-12	1.94E-12	3.69E-12	5.04E-13	6.25E-11
17653.579	2.36E-12	1.97E-12	3.75E-12	5.19E-13	6.25E-11
17658.586	2.45E-12	1.97E-12	3.78E-12	5.19E-13	6.25E-11
17663.583	2.45E-12	1.98E-12	3.78E-12	5.58E-13	6.25E-11
17668.581	2.45E-12	2.00E-12	3.75E-12	5.81E-13	6.25E-11
17673.587	2.42E-12	1.98E-12	3.75E-12	4.96E-13	6.25E-11
17678.584	2.39E-12	1.95E-12	3.75E-12	5.66E-13	6.25E-11
17683.582	2.42E-12	2.00E-12	3.78E-12	5.73E-13	6.25E-11
17688.588	2.45E-12	1.97E-12	3.75E-12	5.58E-13	6.30E-11
17693.585	2.39E-12	1.91E-12	3.75E-12	5.81E-13	5.95E-11
17698.592	2.48E-12	1.98E-12	3.72E-12	5.58E-13	6.25E-11
17703.589	2.45E-12	1.97E-12	3.72E-12	5.50E-13	6.25E-11
17708.587	2.45E-12	1.95E-12	3.75E-12	5.58E-13	5.60E-11
17713.593	2.45E-12	1.95E-12	3.78E-12	5.73E-13	5.95E-11
17718.590	2.45E-12	2.00E-12	3.75E-12	5.35E-13	6.25E-11
17723.597	2.39E-12	1.97E-12	3.75E-12	5.35E-13	6.25E-11
17728.594	2.45E-12	1.98E-12	3.75E-12	5.89E-13	5.60E-11
17733.592	2.39E-12	1.97E-12	3.72E-12	5.35E-13	5.95E-11
17738.598	2.45E-12	1.97E-12	3.75E-12	5.42E-13	6.25E-11
17743.595	2.45E-12	1.97E-12	3.72E-12	5.50E-13	6.25E-11
17748.593	2.42E-12	2.00E-12	3.75E-12	5.42E-13	5.65E-11
17753.599	2.42E-12	1.97E-12	3.75E-12	5.66E-13	6.00E-11
17758.597	2.42E-12	2.01E-12	3.81E-12	5.42E-13	6.45E-11
17763.603	2.51E-12	1.94E-12	3.75E-12	5.19E-13	6.45E-11
17768.600	2.48E-12	1.97E-12	3.75E-12	5.89E-13	5.56E-11
17773.598	2.48E-12	1.97E-12	3.78E-12	5.58E-13	5.90E-11
17778.604	2.48E-12	2.01E-12	3.81E-12	5.35E-13	6.45E-11
17783.602	2.48E-12	1.98E-12	3.81E-12	5.27E-13	6.45E-11
17788.599	2.51E-12	1.97E-12	3.78E-12	5.50E-13	5.46E-11
17793.605	2.51E-12	2.00E-12	3.81E-12	5.66E-13	5.85E-11
17798.603	2.51E-12	2.08E-12	3.81E-12	5.50E-13	6.40E-11
17803.609	2.51E-12	2.01E-12	3.78E-12	5.66E-13	6.45E-11
17808.606	2.51E-12	2.00E-12	3.75E-12	5.66E-13	6.30E-11
17813.604	2.51E-12	2.01E-12	3.81E-12	5.73E-13	5.90E-11
17818.610	2.45E-12	2.01E-12	3.84E-12	5.50E-13	6.40E-11
17823.608	2.51E-12	2.08E-12	3.75E-12	5.42E-13	6.45E-11
17828.614	2.54E-12	2.00E-12	3.78E-12	5.66E-13	6.30E-11
17833.611	2.51E-12	1.98E-12	3.78E-12	5.27E-13	5.90E-11
17838.609	2.48E-12	1.98E-12	3.78E-12	5.66E-13	6.65E-11
17843.615	2.48E-12	2.01E-12	3.78E-12	5.58E-13	6.20E-11
17848.613	2.51E-12	2.03E-12	3.75E-12	5.66E-13	6.30E-11
17853.610	2.48E-12	2.05E-12	3.81E-12	5.66E-13	5.95E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
17858.616	2.48E-12	1.98E-12	3.78E-12	5.11E-13	6.25E-11
17863.614	2.48E-12	1.98E-12	3.78E-12	5.35E-13	6.25E-11
17868.611	2.48E-12	2.00E-12	3.78E-12	5.97E-13	6.30E-11
17873.618	2.48E-12	2.03E-12	3.78E-12	5.42E-13	5.95E-11
17878.615	2.51E-12	2.05E-12	3.75E-12	5.73E-13	6.25E-11
17883.621	2.45E-12	1.98E-12	3.69E-12	5.35E-13	6.25E-11
17888.619	2.51E-12	2.00E-12	3.72E-12	5.42E-13	6.25E-11
17893.616	2.48E-12	2.00E-12	3.72E-12	5.74E-13	5.95E-11
17898.623	2.51E-12	2.05E-12	3.75E-12	5.42E-13	6.25E-11
17903.620	2.51E-12	2.01E-12	3.69E-12	5.35E-13	6.25E-11
17908.626	2.51E-12	2.00E-12	3.75E-12	5.89E-13	6.25E-11
17913.624	2.48E-12	1.97E-12	3.72E-12	5.58E-13	6.25E-11
17918.621	2.51E-12	2.01E-12	3.72E-12	5.81E-13	6.25E-11
17923.628	2.51E-12	2.01E-12	3.72E-12	5.66E-13	6.25E-11
17928.625	2.48E-12	2.01E-12	3.78E-12	5.66E-13	6.25E-11
0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18073.648	2.51E-12	2.01E-12	3.75E-12	5.89E-13	6.25E-11
18078.655	2.51E-12	2.01E-12	3.72E-12	5.89E-13	6.25E-11
18083.652	2.48E-12	2.01E-12	3.69E-12	5.27E-13	6.25E-11
18088.650	2.51E-12	2.00E-12	3.69E-12	5.73E-13	6.25E-11
18093.656	2.51E-12	2.01E-12	3.69E-12	5.58E-13	6.25E-11
18098.653	2.48E-12	2.01E-12	3.72E-12	5.66E-13	6.25E-11
18103.651	2.45E-12	2.05E-12	3.72E-12	5.50E-13	6.25E-11
18108.657	2.54E-12	2.01E-12	3.72E-12	5.42E-13	6.25E-11
18113.655	2.45E-12	2.05E-12	3.69E-12	5.50E-13	6.25E-11
18118.661	2.57E-12	2.05E-12	3.75E-12	5.73E-13	6.25E-11
18123.658	2.48E-12	2.01E-12	3.72E-12	5.66E-13	6.25E-11
18128.656	2.48E-12	2.00E-12	3.72E-12	5.50E-13	6.25E-11
18133.662	2.48E-12	1.95E-12	3.69E-12	5.50E-13	6.25E-11
18138.660	2.51E-12	2.01E-12	3.75E-12	5.73E-13	6.25E-11
18143.657	2.51E-12	2.05E-12	3.75E-12	5.58E-13	6.25E-11
18148.663	2.51E-12	1.97E-12	3.75E-12	5.58E-13	6.25E-11
18153.661	2.51E-12	2.01E-12	3.75E-12	5.66E-13	6.25E-11
18158.667	2.51E-12	2.08E-12	3.78E-12	5.58E-13	6.25E-11
18163.665	2.54E-12	2.01E-12	3.72E-12	5.58E-13	6.25E-11
18168.662	2.51E-12	2.00E-12	3.72E-12	5.27E-13	6.25E-11
18173.668	2.51E-12	2.01E-12	3.69E-12	5.27E-13	6.25E-11
18178.666	2.51E-12	2.05E-12	3.75E-12	5.27E-13	6.25E-11
18183.672	2.48E-12	2.05E-12	3.72E-12	5.42E-13	6.25E-11
18188.670	2.48E-12	2.08E-12	3.75E-12	5.42E-13	6.25E-11
18193.667	2.48E-12	2.00E-12	3.72E-12	5.42E-13	6.25E-11
18198.673	2.51E-12	1.98E-12	3.72E-12	5.42E-13	6.25E-11
18203.671	2.51E-12	2.05E-12	3.72E-12	5.58E-13	6.25E-11
18208.668	2.48E-12	2.01E-12	3.69E-12	5.35E-13	6.25E-11
18213.674	2.48E-12	2.01E-12	3.75E-12	5.58E-13	6.25E-11
18218.672	2.51E-12	2.05E-12	3.75E-12	5.27E-13	6.25E-11
18223.669	2.51E-12	2.01E-12	3.66E-12	5.42E-13	6.25E-11
18228.676	2.51E-12	2.01E-12	3.66E-12	5.73E-13	6.20E-11
18233.673	2.48E-12	1.97E-12	3.66E-12	5.11E-13	6.25E-11
18238.679	2.48E-12	1.98E-12	3.69E-12	5.58E-13	6.25E-11
18243.677	2.48E-12	1.98E-12	3.66E-12	5.42E-13	6.25E-11
18248.674	2.51E-12	2.00E-12	3.66E-12	5.58E-13	6.20E-11
18253.681	2.51E-12	1.98E-12	3.69E-12	5.50E-13	6.25E-11
18258.678	2.48E-12	1.98E-12	3.72E-12	5.66E-13	6.25E-11
18263.684	2.51E-12	2.01E-12	3.75E-12	5.42E-13	6.25E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
18268.682	2.51E-12	2.00E-12	3.72E-12	5.66E-13	6.25E-11
18273.679	2.51E-12	1.98E-12	3.69E-12	5.66E-13	6.25E-11
18278.686	2.51E-12	2.05E-12	3.66E-12	5.58E-13	6.25E-11
18283.683	2.45E-12	2.05E-12	3.72E-12	5.11E-13	6.25E-11
18288.689	2.51E-12	2.03E-12	3.63E-12	5.66E-13	6.25E-11
18293.687	2.51E-12	2.05E-12	3.72E-12	5.35E-13	6.25E-11
18298.684	2.54E-12	2.01E-12	3.69E-12	5.42E-13	6.25E-11
18303.691	2.48E-12	2.01E-12	3.66E-12	5.42E-13	6.25E-11
18308.688	2.51E-12	2.00E-12	3.66E-12	5.58E-13	6.25E-11
18313.686	2.51E-12	2.08E-12	3.75E-12	5.73E-13	6.25E-11
18318.692	2.51E-12	2.05E-12	3.91E-12	5.27E-13	6.50E-11
18323.689	2.54E-12	2.14E-12	4.22E-12	5.73E-13	7.14E-11
18328.696	2.57E-12	2.20E-12	4.46E-12	6.05E-13	7.34E-11
18333.693	2.64E-12	2.29E-12	4.77E-12	5.89E-13	8.13E-11
18338.691	2.76E-12	2.45E-12	5.02E-12	5.74E-13	8.53E-11
18343.697	2.79E-12	2.51E-12	5.21E-12	5.81E-13	8.93E-11
18348.694	2.88E-12	2.60E-12	5.33E-12	6.20E-13	9.32E-11
18353.692	2.94E-12	2.64E-12	5.52E-12	6.05E-13	9.72E-11
18358.698	3.04E-12	2.76E-12	5.70E-12	6.20E-13	1.01E-10
18363.695	3.10E-12	2.85E-12	5.83E-12	6.12E-13	1.04E-10
18368.702	3.22E-12	2.88E-12	5.95E-12	6.59E-13	1.07E-10
18373.699	3.29E-12	2.91E-12	5.77E-12	6.51E-13	1.06E-10
18378.697	3.29E-12	2.88E-12	5.46E-12	6.59E-13	1.03E-10
18383.703	3.26E-12	2.82E-12	5.21E-12	6.90E-13	9.92E-11
18388.700	3.26E-12	2.79E-12	4.90E-12	6.20E-13	9.52E-11
18393.698	3.22E-12	2.67E-12	4.65E-12	6.28E-13	9.03E-11
18398.704	3.13E-12	2.60E-12	4.34E-12	6.20E-13	8.53E-11
18403.702	3.10E-12	2.51E-12	4.15E-12	6.12E-13	8.33E-11
18408.708	3.10E-12	2.45E-12	3.94E-12	5.97E-13	7.84E-11
18413.705	3.04E-12	2.39E-12	3.84E-12	6.20E-13	7.74E-11
18418.703	2.98E-12	2.32E-12	3.75E-12	6.20E-13	7.54E-11
18423.709	2.98E-12	2.36E-12	3.66E-12	6.43E-13	7.34E-11
18428.707	2.91E-12	2.20E-12	3.53E-12	5.81E-13	7.04E-11
18433.713	2.94E-12	2.20E-12	3.47E-12	6.05E-13	6.75E-11
18438.710	2.85E-12	2.14E-12	3.41E-12	6.05E-13	6.50E-11
18443.708	2.88E-12	2.14E-12	3.44E-12	6.20E-13	6.50E-11
18448.714	2.85E-12	2.11E-12	3.38E-12	5.89E-13	6.40E-11
18453.712	2.82E-12	2.11E-12	3.29E-12	5.81E-13	6.25E-11
18458.709	2.85E-12	2.05E-12	3.32E-12	5.97E-13	6.25E-11
18463.715	2.79E-12	2.01E-12	3.29E-12	6.20E-13	6.20E-11
18468.713	2.79E-12	2.05E-12	3.19E-12	6.12E-13	6.10E-11
18473.719	2.79E-12	2.01E-12	3.19E-12	6.05E-13	6.05E-11
18478.717	2.76E-12	1.98E-12	3.19E-12	6.05E-13	6.00E-11
18483.714	2.76E-12	1.97E-12	3.16E-12	5.58E-13	5.95E-11
18488.720	2.70E-12	1.97E-12	3.16E-12	5.97E-13	5.90E-11
18493.718	2.70E-12	1.94E-12	3.13E-12	5.35E-13	5.90E-11
18498.715	2.67E-12	1.94E-12	3.16E-12	5.66E-13	5.85E-11
18503.722	2.70E-12	1.97E-12	3.16E-12	5.66E-13	5.85E-11
18508.719	2.73E-12	1.91E-12	3.10E-12	5.66E-13	5.80E-11
18513.725	2.64E-12	1.91E-12	3.13E-12	5.89E-13	5.80E-11
18518.723	2.70E-12	1.91E-12	3.16E-12	5.97E-13	5.80E-11
18523.720	2.64E-12	1.91E-12	3.10E-12	5.42E-13	5.75E-11
18528.727	2.70E-12	1.91E-12	3.13E-12	5.27E-13	5.70E-11
18533.724	2.67E-12	1.91E-12	3.13E-12	5.58E-13	5.70E-11
18538.730	2.64E-12	1.91E-12	3.16E-12	5.73E-13	5.70E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
18543.728	2.57E-12	1.88E-12	3.16E-12	5.66E-13	5.75E-11
18548.725	2.54E-12	1.88E-12	3.16E-12	5.42E-13	5.70E-11
18553.732	2.60E-12	1.91E-12	3.13E-12	5.81E-13	5.70E-11
18558.729	2.60E-12	1.89E-12	3.19E-12	5.58E-13	5.70E-11
18563.727	2.64E-12	1.92E-12	3.16E-12	5.66E-13	5.70E-11
18568.733	2.57E-12	1.83E-12	3.10E-12	5.66E-13	5.70E-11
18573.730	2.64E-12	1.92E-12	3.16E-12	5.73E-13	5.70E-11
18578.728	2.60E-12	1.88E-12	3.16E-12	5.66E-13	5.70E-11
18583.734	2.57E-12	1.92E-12	3.16E-12	5.42E-13	5.70E-11
18588.732	2.57E-12	1.94E-12	3.19E-12	5.66E-13	5.65E-11
18593.738	2.54E-12	1.91E-12	3.16E-12	5.35E-13	5.70E-11
18598.735	2.57E-12	1.89E-12	3.19E-12	5.81E-13	5.70E-11
18603.733	2.57E-12	1.92E-12	3.19E-12	5.58E-13	5.70E-11
18608.739	2.51E-12	1.88E-12	3.16E-12	5.42E-13	5.70E-11
18613.736	2.60E-12	1.88E-12	3.16E-12	5.81E-13	5.70E-11
18618.743	2.60E-12	1.89E-12	3.19E-12	5.42E-13	5.70E-11
18623.740	2.57E-12	1.92E-12	3.22E-12	5.81E-13	5.75E-11
18628.738	2.54E-12	1.86E-12	3.22E-12	5.97E-13	5.70E-11
18633.744	2.54E-12	1.89E-12	3.16E-12	5.50E-13	5.70E-11
18638.741	2.60E-12	1.92E-12	3.26E-12	5.89E-13	5.70E-11
18643.748	2.60E-12	1.89E-12	3.19E-12	5.27E-13	5.70E-11
18648.745	2.57E-12	1.91E-12	3.19E-12	5.50E-13	5.70E-11
18653.743	2.57E-12	1.89E-12	3.29E-12	5.89E-13	5.70E-11
18658.749	2.54E-12	1.89E-12	3.22E-12	5.42E-13	5.75E-11
18663.746	2.60E-12	1.91E-12	3.19E-12	5.73E-13	5.75E-11
18668.744	2.54E-12	1.95E-12	3.22E-12	5.73E-13	5.70E-11
18673.750	2.57E-12	1.91E-12	3.19E-12	5.35E-13	5.70E-11
18678.748	2.57E-12	1.88E-12	3.26E-12	5.42E-13	5.75E-11
18683.754	2.60E-12	1.95E-12	3.19E-12	5.11E-13	5.75E-11
18688.751	2.57E-12	1.86E-12	3.22E-12	5.58E-13	5.70E-11
18693.749	2.60E-12	1.89E-12	3.19E-12	5.42E-13	5.70E-11
18698.755	2.54E-12	1.92E-12	3.26E-12	5.50E-13	5.75E-11
18703.753	2.57E-12	1.89E-12	3.22E-12	5.50E-13	5.75E-11
18708.750	2.54E-12	1.84E-12	3.22E-12	5.42E-13	5.70E-11
18713.756	2.54E-12	1.94E-12	3.22E-12	5.19E-13	5.80E-11
18718.754	2.57E-12	1.94E-12	3.26E-12	5.73E-13	5.80E-11
18723.760	2.57E-12	1.92E-12	3.26E-12	5.89E-13	5.80E-11
18728.758	2.54E-12	1.91E-12	3.22E-12	5.19E-13	5.70E-11
18733.755	2.57E-12	1.88E-12	3.22E-12	5.27E-13	5.75E-11
18738.761	2.54E-12	1.89E-12	3.26E-12	5.74E-13	5.80E-11
18743.759	2.60E-12	1.95E-12	3.26E-12	5.50E-13	5.75E-11
18748.756	2.51E-12	1.91E-12	3.22E-12	5.19E-13	5.70E-11
18753.763	2.57E-12	1.94E-12	3.22E-12	5.81E-13	5.80E-11
18758.760	2.57E-12	1.91E-12	3.26E-12	5.42E-13	5.80E-11
18763.766	2.54E-12	1.91E-12	3.26E-12	5.42E-13	5.75E-11
18768.764	2.57E-12	1.95E-12	3.29E-12	5.66E-13	5.80E-11
18773.761	2.57E-12	1.89E-12	3.22E-12	5.27E-13	5.80E-11
18778.768	2.54E-12	1.94E-12	3.26E-12	5.66E-13	5.80E-11
18783.765	2.57E-12	1.91E-12	3.19E-12	5.58E-13	5.80E-11
18788.771	2.57E-12	1.91E-12	3.29E-12	5.58E-13	5.80E-11
18793.769	2.57E-12	1.92E-12	3.26E-12	5.58E-13	5.80E-11
18798.766	2.57E-12	1.91E-12	3.22E-12	5.89E-13	5.80E-11
18803.773	2.54E-12	1.94E-12	3.29E-12	5.50E-13	5.80E-11
18808.770	2.51E-12	1.92E-12	3.26E-12	5.42E-13	5.80E-11
18813.768	2.51E-12	1.95E-12	3.19E-12	5.50E-13	5.80E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
18818.774	2.60E-12	1.92E-12	3.26E-12	5.81E-13	5.80E-11
18823.771	2.60E-12	1.95E-12	3.22E-12	5.50E-13	5.80E-11
18828.778	2.57E-12	1.89E-12	3.26E-12	5.81E-13	5.80E-11
18833.775	2.57E-12	1.91E-12	3.22E-12	5.11E-13	5.80E-11
18838.773	2.60E-12	1.88E-12	3.26E-12	5.89E-13	5.80E-11
18843.779	2.57E-12	1.91E-12	3.22E-12	5.42E-13	5.80E-11
18848.776	2.54E-12	1.91E-12	3.26E-12	5.66E-13	5.80E-11
18853.774	2.57E-12	1.95E-12	3.19E-12	5.42E-13	5.80E-11
18858.780	2.57E-12	1.94E-12	3.26E-12	5.50E-13	5.85E-11
18863.778	2.57E-12	1.95E-12	3.26E-12	5.42E-13	5.85E-11
18868.784	2.60E-12	1.91E-12	3.26E-12	5.42E-13	5.80E-11
18873.781	2.60E-12	1.97E-12	3.26E-12	5.73E-13	5.80E-11
18878.779	2.57E-12	1.89E-12	3.26E-12	5.73E-13	5.85E-11
18883.785	2.57E-12	1.92E-12	3.29E-12	5.50E-13	5.85E-11
18888.783	2.57E-12	1.91E-12	3.26E-12	5.50E-13	5.80E-11
18893.789	2.54E-12	1.86E-12	3.19E-12	5.74E-13	5.80E-11
18898.786	2.57E-12	1.94E-12	3.35E-12	5.89E-13	5.90E-11
18903.784	2.57E-12	1.95E-12	3.32E-12	5.19E-13	5.90E-11
18908.790	2.60E-12	1.97E-12	3.29E-12	5.81E-13	5.90E-11
18913.788	2.57E-12	1.92E-12	3.29E-12	5.42E-13	5.90E-11
18918.785	2.60E-12	1.95E-12	3.32E-12	5.66E-13	5.95E-11
18923.791	2.60E-12	1.97E-12	3.32E-12	5.27E-13	5.95E-11
18928.789	2.60E-12	1.97E-12	3.29E-12	5.35E-13	5.90E-11
18933.786	2.57E-12	1.97E-12	3.29E-12	5.58E-13	6.00E-11
18938.793	2.57E-12	1.95E-12	3.32E-12	5.58E-13	6.00E-11
18943.790	2.64E-12	1.95E-12	3.32E-12	5.73E-13	6.00E-11
18948.796	2.60E-12	1.95E-12	3.32E-12	5.81E-13	5.90E-11
18953.794	2.60E-12	1.97E-12	3.32E-12	5.66E-13	6.00E-11
18958.791	2.60E-12	1.94E-12	3.35E-12	5.73E-13	6.00E-11
18963.798	2.67E-12	1.95E-12	3.35E-12	5.42E-13	6.00E-11
18968.795	2.64E-12	2.01E-12	3.32E-12	5.73E-13	6.00E-11
18973.801	2.57E-12	1.97E-12	3.32E-12	5.35E-13	6.00E-11
18978.799	2.60E-12	1.97E-12	3.38E-12	5.66E-13	6.05E-11
18983.796	2.67E-12	1.98E-12	3.38E-12	5.50E-13	6.05E-11
18988.803	2.60E-12	1.95E-12	3.32E-12	5.50E-13	6.00E-11
18993.800	2.60E-12	2.01E-12	3.35E-12	5.58E-13	6.00E-11
18998.806	2.64E-12	1.97E-12	3.32E-12	5.42E-13	6.05E-11
19003.804	2.60E-12	1.98E-12	3.29E-12	5.19E-13	6.05E-11
19008.801	2.64E-12	1.98E-12	3.32E-12	5.97E-13	6.00E-11
19013.808	2.67E-12	1.97E-12	3.29E-12	5.19E-13	6.10E-11
19018.805	2.64E-12	1.98E-12	3.38E-12	5.89E-13	6.10E-11
19023.803	2.64E-12	1.97E-12	3.35E-12	5.27E-13	6.10E-11
19028.809	2.60E-12	1.98E-12	3.35E-12	5.81E-13	6.10E-11
19033.806	2.64E-12	2.01E-12	3.32E-12	5.81E-13	6.10E-11
19038.813	2.67E-12	2.01E-12	3.38E-12	5.42E-13	6.15E-11
19043.810	2.73E-12	2.05E-12	3.35E-12	5.89E-13	6.10E-11
19048.808	2.70E-12	2.05E-12	3.32E-12	5.73E-13	6.10E-11
19053.814	2.67E-12	2.05E-12	3.32E-12	5.81E-13	6.10E-11
19058.811	2.67E-12	2.00E-12	3.35E-12	5.73E-13	6.15E-11
19063.809	2.70E-12	2.00E-12	3.38E-12	5.66E-13	6.15E-11
19068.815	2.70E-12	2.05E-12	3.32E-12	5.35E-13	6.10E-11
19073.813	2.73E-12	2.01E-12	3.32E-12	5.73E-13	6.20E-11
19078.819	2.76E-12	2.01E-12	3.35E-12	5.35E-13	6.20E-11
19083.816	2.73E-12	2.01E-12	3.38E-12	5.66E-13	6.20E-11
19088.814	2.73E-12	2.01E-12	3.32E-12	5.89E-13	6.20E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
19093.820	2.70E-12	2.01E-12	3.35E-12	5.97E-13	6.20E-11
19098.818	2.73E-12	1.98E-12	3.38E-12	5.66E-13	6.25E-11
19103.815	2.76E-12	2.05E-12	3.53E-12	5.81E-13	6.45E-11
19108.821	2.79E-12	2.08E-12	3.60E-12	5.97E-13	6.75E-11
19113.819	2.76E-12	2.20E-12	3.75E-12	5.89E-13	6.50E-11
19118.825	2.73E-12	2.20E-12	3.94E-12	5.58E-13	7.24E-11
19123.823	2.76E-12	2.26E-12	4.22E-12	5.89E-13	7.54E-11
19128.820	2.79E-12	2.32E-12	4.34E-12	5.81E-13	7.74E-11
19133.826	2.82E-12	2.45E-12	4.59E-12	5.97E-13	8.04E-11
19138.824	2.85E-12	2.48E-12	4.77E-12	6.12E-13	8.33E-11
19143.830	2.82E-12	2.51E-12	4.96E-12	5.97E-13	8.53E-11
19148.828	2.85E-12	2.57E-12	5.15E-12	6.05E-13	8.83E-11
19153.825	2.91E-12	2.67E-12	5.33E-12	6.20E-13	9.03E-11
19158.831	2.94E-12	2.73E-12	5.58E-12	6.20E-13	9.32E-11
19163.829	2.98E-12	2.76E-12	5.70E-12	6.05E-13	9.52E-11
19168.826	2.94E-12	2.85E-12	5.89E-12	6.35E-13	9.92E-11
19173.833	3.01E-12	2.91E-12	6.14E-12	6.20E-13	1.01E-10
19178.830	2.98E-12	2.94E-12	6.32E-12	6.51E-13	1.03E-10
19183.836	3.04E-12	3.07E-12	6.51E-12	6.35E-13	1.05E-10
19188.834	3.07E-12	3.07E-12	6.63E-12	6.59E-13	1.08E-10
19193.831	3.04E-12	3.19E-12	6.82E-12	6.35E-13	1.09E-10
19198.838	3.10E-12	3.22E-12	7.07E-12	6.51E-13	1.13E-10
19203.835	3.13E-12	3.29E-12	7.19E-12	6.35E-13	1.15E-10
19208.833	3.16E-12	3.38E-12	7.38E-12	6.35E-13	1.17E-10
19213.839	3.19E-12	3.47E-12	7.56E-12	6.59E-13	1.19E-10
19218.836	3.19E-12	3.47E-12	7.69E-12	6.59E-13	1.22E-10
19233.838	3.29E-12	3.72E-12	8.31E-12	6.67E-13	1.31E-10
19238.844	3.35E-12	3.75E-12	8.43E-12	6.66E-13	1.31E-10
19243.841	3.35E-12	3.78E-12	8.68E-12	6.90E-13	1.35E-10
19248.848	3.38E-12	3.88E-12	8.68E-12	6.90E-13	1.35E-10
19253.845	3.38E-12	3.97E-12	8.93E-12	6.98E-13	1.39E-10
19258.843	3.44E-12	3.94E-12	9.18E-12	7.44E-13	1.43E-10
19263.849	3.47E-12	4.09E-12	9.18E-12	7.21E-13	1.43E-10
19268.846	3.53E-12	4.22E-12	9.30E-12	7.28E-13	1.45E-10
19273.844	3.57E-12	4.22E-12	9.42E-12	7.44E-13	1.47E-10
19278.850	3.60E-12	4.28E-12	9.67E-12	7.52E-13	1.51E-10
19283.848	3.63E-12	4.28E-12	9.80E-12	7.13E-13	1.51E-10
19288.845	3.63E-12	4.40E-12	9.92E-12	7.44E-13	1.55E-10
19293.851	3.69E-12	4.46E-12	1.02E-11	7.59E-13	1.57E-10
19298.849	3.69E-12	4.46E-12	1.03E-11	7.59E-13	1.59E-10
19348.859	4.34E-12	5.46E-12	1.24E-11	8.06E-13	1.96E-10
19353.865	4.40E-12	5.64E-12	1.28E-11	8.14E-13	2.02E-10
19358.863	4.46E-12	5.64E-12	1.30E-11	8.53E-13	2.06E-10
19363.860	4.65E-12	5.83E-12	1.34E-11	8.29E-13	2.14E-10
19368.867	4.65E-12	6.01E-12	1.35E-11	8.84E-13	2.18E-10
19373.864	4.71E-12	6.14E-12	1.40E-11	8.52E-13	2.24E-10
19378.861	4.84E-12	6.26E-12	1.44E-11	8.52E-13	2.30E-10
19383.868	4.84E-12	6.39E-12	1.46E-11	8.68E-13	2.38E-10
19388.865	5.08E-12	6.51E-12	1.50E-11	8.99E-13	2.46E-10
19393.872	5.15E-12	6.70E-12	1.55E-11	9.22E-13	2.54E-10
19398.869	5.27E-12	7.01E-12	1.64E-11	9.14E-13	2.62E-10
19403.866	5.39E-12	7.13E-12	1.69E-11	9.22E-13	2.70E-10
19408.873	5.64E-12	7.38E-12	1.74E-11	9.46E-13	2.86E-10
19413.870	5.77E-12	7.69E-12	1.84E-11	9.69E-13	2.98E-10
19418.868	6.01E-12	8.18E-12	1.91E-11	9.92E-13	3.09E-10

DATA FROM PK35ENT

TIME	44	40	32	30	28
19423.874	6.26E-12	8.43E-12	2.01E-11	1.02E-12	3.25E-10
19428.872	6.51E-12	8.93E-12	2.21E-11	1.07E-12	3.49E-10
19433.878	6.82E-12	9.80E-12	2.48E-11	1.09E-12	3.89E-10
19438.875	7.44E-12	1.09E-11	2.85E-11	1.18E-12	4.33E-10
19443.873	8.00E-12	1.26E-11	3.52E-11	1.24E-12	5.00E-10
19448.879	9.05E-12	1.50E-11	4.36E-11	1.38E-12	6.27E-10
19453.877	1.03E-11	1.86E-11	5.51E-11	1.47E-12	7.54E-10
19458.874	1.24E-11	2.28E-11	7.04E-11	1.75E-12	9.05E-10
19463.880	1.53E-11	2.88E-11	8.63E-11	2.00E-12	1.08E-09
19468.878	7.63E-12	2.11E-11	6.57E-12	1.57E-12	2.86E-10
19473.884	3.81E-12	8.43E-12	1.66E-12	1.21E-12	8.93E-11
19478.882	3.26E-12	4.09E-12	1.61E-12	1.07E-12	5.26E-11
19483.879	3.16E-12	2.85E-12	1.67E-12	9.76E-13	4.66E-11
19488.885	3.10E-12	2.48E-12	1.83E-12	9.30E-13	4.61E-11
19493.883	3.10E-12	2.36E-12	1.97E-12	8.84E-13	4.81E-11
19498.889	3.16E-12	2.39E-12	2.17E-12	8.84E-13	5.11E-11
19503.887	3.19E-12	2.42E-12	2.39E-12	8.37E-13	5.36E-11
19508.884	3.35E-12	2.51E-12	2.57E-12	8.37E-13	5.80E-11
19513.890	3.50E-12	2.57E-12	2.88E-12	8.06E-13	6.25E-11
19518.888	3.84E-12	2.79E-12	3.29E-12	8.06E-13	7.24E-11
19523.885	4.53E-12	3.04E-12	3.91E-12	8.22E-13	8.13E-11
19528.892	5.77E-12	3.35E-12	4.71E-12	8.53E-13	9.42E-11
19533.889	7.44E-12	3.72E-12	5.02E-12	8.91E-13	1.01E-10
19548.890	2.80E-11	7.07E-12	1.20E-11	1.55E-12	2.30E-10
19553.897	4.32E-11	9.80E-12	1.53E-11	2.20E-12	3.06E-10
19558.894	5.70E-11	1.23E-11	1.79E-11	3.04E-12	3.73E-10
19563.892	7.64E-11	1.48E-11	2.03E-11	4.03E-12	4.44E-10
19568.898	1.05E-10	1.88E-11	2.48E-11	5.52E-12	5.48E-10
19573.895	1.25E-10	2.23E-11	2.70E-11	6.82E-12	6.19E-10
19578.902	1.51E-10	2.58E-11	2.98E-11	8.18E-12	7.30E-10
19583.899	1.73E-10	2.85E-11	3.27E-11	9.42E-12	8.09E-10
19588.897	2.06E-10	3.27E-11	3.57E-11	1.04E-11	8.49E-10
19593.903	2.42E-10	3.72E-11	3.87E-11	1.14E-11	1.01E-09
19598.900	2.74E-10	3.97E-11	4.17E-11	1.22E-11	1.10E-09
19603.907	2.68E-11	1.84E-11	9.38E-13	4.59E-12	1.63E-10
19608.904	4.90E-12	5.95E-12	6.90E-13	3.04E-12	5.16E-11
19613.902	3.57E-12	3.16E-12	6.35E-13	2.42E-12	3.57E-11
19618.908	3.32E-12	2.51E-12	6.82E-13	2.01E-12	3.12E-11
19623.905	3.19E-12	2.14E-12	6.51E-13	1.74E-12	2.90E-11
19628.903	3.04E-12	1.97E-12	6.05E-13	1.53E-12	2.75E-11
19633.909	3.01E-12	1.88E-12	6.43E-13	1.44E-12	2.65E-11
19638.907	3.01E-12	1.78E-12	5.89E-13	1.36E-12	2.58E-11
19643.904	2.94E-12	1.69E-12	5.89E-13	1.21E-12	2.53E-11
19648.911	2.88E-12	1.61E-12	5.89E-13	1.19E-12	2.46E-11
19653.908	2.85E-12	1.57E-12	5.81E-13	1.13E-12	2.41E-11
19658.914	2.82E-12	1.50E-12	6.20E-13	1.07E-12	2.38E-11
19663.909	3.01E-12	1.88E-12	6.43E-13	1.44E-12	2.65E-11
19668.907	3.01E-12	1.78E-12	5.89E-13	1.36E-12	2.58E-11
19673.904	2.94E-12	1.69E-12	5.89E-13	1.21E-12	2.53E-11
19678.911	2.88E-12	1.61E-12	5.89E-13	1.19E-12	2.46E-11
19683.908	2.85E-12	1.57E-12	5.81E-13	1.13E-12	2.41E-11
19688.914	2.82E-12	1.50E-12	6.20E-13	1.07E-12	2.38E-11
19693.912	2.82E-12	1.53E-12	5.89E-13	1.01E-12	2.33E-11
19698.909	2.76E-12	1.50E-12	5.58E-13	9.84E-13	2.31E-11
19703.916	2.76E-12	1.46E-12	5.35E-13	9.46E-13	2.26E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
19678.913	2.76E-12	1.43E-12	5.42E-13	8.99E-13	2.23E-11
19683.919	2.73E-12	1.40E-12	5.27E-13	8.52E-13	2.23E-11
19688.917	2.70E-12	1.38E-12	5.42E-13	8.76E-13	2.18E-11
19693.914	2.73E-12	1.33E-12	5.27E-13	8.76E-13	2.16E-11
19698.921	2.67E-12	1.32E-12	5.19E-13	8.14E-13	2.13E-11
19703.918	2.67E-12	1.33E-12	5.19E-13	7.83E-13	2.13E-11
19708.924	2.67E-12	1.29E-12	5.11E-13	7.44E-13	2.08E-11
19713.922	2.64E-12	1.29E-12	4.98E-13	7.67E-13	2.08E-11
19718.919	2.64E-12	1.26E-12	4.92E-13	7.83E-13	2.08E-11
19723.926	2.60E-12	1.27E-12	5.19E-13	7.59E-13	2.06E-11
19728.923	2.54E-12	1.22E-12	4.96E-13	7.36E-13	2.03E-11
19733.921	2.57E-12	1.19E-12	4.55E-13	6.98E-13	2.01E-11
19738.927	2.57E-12	1.21E-12	4.84E-13	7.36E-13	2.03E-11
19743.924	2.57E-12	1.15E-12	4.61E-13	6.82E-13	2.01E-11
19748.931	2.54E-12	1.16E-12	4.79E-13	6.82E-13	1.96E-11
19753.928	2.57E-12	1.21E-12	4.50E-13	7.13E-13	1.98E-11
19758.926	2.54E-12	1.16E-12	4.84E-13	6.74E-13	1.98E-11
19763.932	2.54E-12	1.13E-12	4.73E-13	6.90E-13	1.98E-11
19768.929	2.54E-12	1.13E-12	4.90E-13	6.51E-13	1.93E-11
19773.927	2.51E-12	1.13E-12	5.11E-13	6.59E-13	1.93E-11
19778.933	2.51E-12	1.15E-12	4.79E-13	6.90E-13	1.93E-11
19783.931	2.57E-12	1.10E-12	4.67E-13	6.36E-13	1.93E-11
19788.937	2.48E-12	1.09E-12	4.67E-13	6.05E-13	1.91E-11
19793.934	2.48E-12	1.10E-12	4.73E-13	6.67E-13	1.86E-11
19798.932	2.51E-12	1.07E-12	4.73E-13	6.35E-13	1.84E-11
19803.938	2.48E-12	1.02E-12	4.44E-13	6.35E-13	1.84E-11
19808.936	2.48E-12	1.05E-12	4.84E-13	6.12E-13	1.81E-11
19813.933	2.54E-12	1.04E-12	4.55E-13	5.89E-13	1.79E-11
19818.940	2.48E-12	1.02E-12	4.49E-13	6.20E-13	1.81E-11
19823.937	2.54E-12	1.05E-12	4.73E-13	5.97E-13	1.79E-11
19828.943	2.48E-12	1.05E-12	4.79E-13	6.59E-13	1.76E-11
19833.941	2.48E-12	1.02E-12	4.55E-13	6.20E-13	1.79E-11
19838.938	2.51E-12	1.07E-12	4.61E-13	6.05E-13	1.79E-11
19843.945	2.51E-12	1.04E-12	4.44E-13	5.81E-13	1.84E-11
19848.942	2.45E-12	1.09E-12	4.61E-13	5.81E-13	1.84E-11
19853.948	2.42E-12	1.02E-12	4.38E-13	5.81E-13	1.81E-11
19858.946	2.42E-12	1.01E-12	4.55E-13	5.81E-13	1.79E-11
19863.943	2.45E-12	1.01E-12	4.38E-13	5.58E-13	1.79E-11
19868.950	2.42E-12	1.02E-12	4.26E-13	5.50E-13	1.81E-11
19873.947	2.45E-12	1.01E-12	4.50E-13	5.89E-13	1.79E-11
19878.945	2.42E-12	1.07E-12	4.50E-13	5.89E-13	1.81E-11
19883.951	2.42E-12	1.04E-12	4.26E-13	5.66E-13	1.84E-11
19888.948	2.39E-12	1.04E-12	4.50E-13	5.89E-13	1.79E-11
19893.955	2.42E-12	1.01E-12	4.38E-13	5.81E-13	1.81E-11
19898.952	2.45E-12	1.04E-12	4.55E-13	6.12E-13	1.81E-11
19903.950	2.42E-12	1.01E-12	4.20E-13	5.81E-13	1.79E-11
19908.956	2.42E-12	1.05E-12	4.38E-13	5.73E-13	1.81E-11
19913.953	2.39E-12	9.92E-13	4.15E-13	5.27E-13	1.79E-11
19918.951	2.45E-12	1.04E-12	4.44E-13	5.81E-13	1.79E-11
19923.957	2.42E-12	1.02E-12	4.49E-13	5.58E-13	1.79E-11
19928.955	2.42E-12	1.02E-12	4.38E-13	5.66E-13	1.76E-11
19933.961	2.45E-12	1.02E-12	4.38E-13	5.11E-13	1.76E-11
19938.958	2.36E-12	9.46E-13	4.20E-13	5.58E-13	1.79E-11
19943.956	2.39E-12	1.01E-12	4.44E-13	5.27E-13	1.79E-11
19948.962	2.39E-12	1.02E-12	4.44E-13	5.42E-13	1.76E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
19953.960	2.39E-12	9.76E-13	4.26E-13	5.35E-13	1.76E-11
19958.966	2.39E-12	1.01E-12	4.55E-13	5.58E-13	1.76E-11
19963.964	2.39E-12	9.84E-13	4.20E-13	5.35E-13	1.74E-11
19968.961	2.36E-12	9.84E-13	4.26E-13	5.11E-13	1.74E-11
19973.967	2.42E-12	9.92E-13	4.38E-13	5.27E-13	1.74E-11
19978.965	2.32E-12	9.22E-13	4.32E-13	5.50E-13	1.74E-11
19983.962	2.39E-12	9.38E-13	4.50E-13	5.27E-13	1.74E-11
19988.968	2.32E-12	9.77E-13	4.15E-13	4.84E-13	1.71E-11
19993.966	2.36E-12	9.92E-13	4.09E-13	5.19E-13	1.74E-11
19998.964	2.36E-12	9.46E-13	4.09E-13	4.90E-13	1.74E-11
20003.970	2.36E-12	1.02E-12	4.44E-13	5.27E-13	1.74E-11
20008.967	2.36E-12	9.53E-13	4.32E-13	5.42E-13	1.71E-11
20013.974	2.36E-12	9.53E-13	4.32E-13	5.06E-13	1.74E-11
20018.971	2.36E-12	9.61E-13	4.26E-13	5.19E-13	1.74E-11
20023.969	2.32E-12	9.22E-13	4.26E-13	5.11E-13	1.74E-11
20028.975	2.32E-12	9.61E-13	4.20E-13	5.04E-13	1.71E-11
20033.972	2.29E-12	9.53E-13	4.03E-13	4.90E-13	1.71E-11
20038.979	2.32E-12	9.30E-13	4.09E-13	4.90E-13	1.74E-11
20043.976	2.36E-12	9.77E-13	4.20E-13	5.13E-13	1.71E-11
20048.974	2.32E-12	9.38E-13	3.97E-13	5.06E-13	1.69E-11
20053.980	2.32E-12	9.53E-13	4.26E-13	5.35E-13	1.71E-11
20058.977	2.32E-12	9.30E-13	4.26E-13	5.21E-13	1.71E-11
20063.984	2.29E-12	9.53E-13	4.09E-13	4.84E-13	1.71E-11
20068.981	2.36E-12	9.53E-13	4.26E-13	5.04E-13	1.69E-11
20073.979	2.32E-12	9.38E-13	4.26E-13	5.27E-13	1.69E-11
20078.985	2.29E-12	9.07E-13	3.97E-13	4.90E-13	1.69E-11
20083.983	2.29E-12	9.38E-13	4.44E-13	4.90E-13	1.69E-11
20088.980	2.29E-12	9.46E-13	4.55E-13	4.92E-13	1.69E-11
20093.986	2.32E-12	9.38E-13	4.20E-13	4.98E-13	1.69E-11
20098.984	2.23E-12	9.22E-13	4.03E-13	5.00E-13	1.69E-11
20103.990	2.36E-12	8.91E-13	4.15E-13	4.84E-13	1.69E-11
20108.988	2.29E-12	9.22E-13	4.03E-13	4.73E-13	1.66E-11
20113.985	2.32E-12	9.53E-13	4.15E-13	5.21E-13	1.69E-11
20118.991	2.26E-12	9.22E-13	4.03E-13	4.90E-13	1.69E-11
20123.989	2.26E-12	9.22E-13	4.03E-13	4.84E-13	1.69E-11
20128.986	2.29E-12	9.07E-13	3.86E-13	4.96E-13	1.66E-11
20133.993	2.29E-12	9.46E-13	3.97E-13	5.27E-13	1.69E-11
20138.990	2.26E-12	8.76E-13	4.03E-13	4.98E-13	1.69E-11
20143.996	2.26E-12	8.91E-13	4.20E-13	4.73E-13	1.69E-11
20148.994	4.40E-13	6.20E-13	1.00E-14	1.00E-14	1.00E-14
20153.991	2.29E-12	9.61E-13	3.80E-13	4.84E-13	1.66E-11
20158.998	2.29E-12	9.07E-13	4.09E-13	4.67E-13	1.66E-11
20163.995	2.23E-12	9.22E-13	4.20E-13	4.84E-13	1.69E-11
20168.993	2.26E-12	9.30E-13	3.74E-13	4.98E-13	1.66E-11
20173.999	2.26E-12	9.22E-13	3.86E-13	4.84E-13	1.66E-11
20178.996	2.26E-12	8.91E-13	4.03E-13	4.79E-13	1.64E-11
20184.003	2.26E-12	8.84E-13	3.97E-13	4.73E-13	1.64E-11
20189.000	2.26E-12	9.22E-13	3.91E-13	4.98E-13	1.64E-11
20193.998	2.23E-12	8.91E-13	3.86E-13	4.96E-13	1.64E-11
20199.004	2.23E-12	8.45E-13	3.86E-13	4.73E-13	1.64E-11
20204.002	2.23E-12	8.76E-13	3.62E-13	4.84E-13	1.64E-11
20209.008	2.23E-12	8.76E-13	3.86E-13	4.84E-13	1.64E-11
20214.005	2.26E-12	8.84E-13	3.97E-13	4.84E-13	1.64E-11
20219.003	2.23E-12	8.84E-13	4.20E-13	4.73E-13	1.64E-11
20224.009	2.20E-12	8.99E-13	4.09E-13	4.73E-13	1.64E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
20229.007	2.20E-12	8.45E-13	3.91E-13	4.73E-13	1.64E-11
20234.004	2.23E-12	8.91E-13	4.09E-13	4.55E-13	1.64E-11
20239.010	2.17E-12	8.91E-13	3.91E-13	4.67E-13	1.64E-11
20244.008	2.17E-12	8.84E-13	3.97E-13	4.90E-13	1.64E-11
20249.014	2.17E-12	9.07E-13	3.74E-13	4.79E-13	1.64E-11
20254.012	2.20E-12	8.91E-13	3.74E-13	4.90E-13	1.64E-11
20259.009	2.23E-12	8.60E-13	4.09E-13	4.67E-13	1.64E-11
20264.016	2.23E-12	8.68E-13	3.80E-13	4.50E-13	1.64E-11
20269.013	2.23E-12	8.60E-13	3.74E-13	4.61E-13	1.60E-11
20274.010	2.26E-12	8.37E-13	3.91E-13	4.67E-13	1.61E-11
20279.017	2.20E-12	9.07E-13	4.09E-13	4.50E-13	1.64E-11
20284.014	2.23E-12	8.76E-13	3.80E-13	4.67E-13	1.64E-11
20289.021	2.17E-12	8.99E-13	3.86E-13	4.50E-13	1.60E-11
20294.018	2.20E-12	8.60E-13	3.80E-13	4.79E-13	1.60E-11
20299.016	2.20E-12	8.37E-13	4.03E-13	4.96E-13	1.64E-11
20304.022	2.17E-12	8.84E-13	3.86E-13	4.73E-13	1.64E-11
20309.019	2.23E-12	8.60E-13	3.91E-13	4.61E-13	1.60E-11
20314.026	2.20E-12	8.60E-13	3.80E-13	4.67E-13	1.60E-11
20319.023	2.17E-12	8.68E-13	3.86E-13	4.84E-13	1.64E-11
20324.021	2.17E-12	8.84E-13	3.97E-13	4.79E-13	1.61E-11
20329.027	2.20E-12	8.84E-13	4.03E-13	4.79E-13	1.57E-11
20334.024	2.14E-12	8.45E-13	3.62E-13	5.10E-13	1.60E-11
20339.022	2.17E-12	8.91E-13	3.91E-13	4.79E-13	1.61E-11
20344.028	2.14E-12	8.76E-13	3.86E-13	4.55E-13	1.60E-11
20349.026	2.20E-12	8.60E-13	3.91E-13	4.49E-13	1.60E-11
20354.023	2.20E-12	8.37E-13	3.68E-13	4.61E-13	1.60E-11
20364.027	2.20E-12	8.60E-13	3.97E-13	4.55E-13	1.57E-11
20369.033	2.17E-12	8.37E-13	3.68E-13	4.50E-13	1.56E-11
20374.031	2.20E-12	8.60E-13	4.03E-13	4.44E-13	1.56E-11
20379.028	2.17E-12	8.84E-13	3.97E-13	4.73E-13	1.60E-11
20384.035	2.20E-12	8.45E-13	3.91E-13	4.94E-13	1.64E-11
20389.032	2.20E-12	8.29E-13	4.03E-13	4.73E-13	1.60E-11
20394.038	2.17E-12	8.76E-13	3.74E-13	4.50E-13	1.60E-11
20399.036	2.17E-12	8.52E-13	3.80E-13	4.44E-13	1.57E-11
20404.033	2.17E-12	8.91E-13	3.74E-13	4.84E-13	1.57E-11
20409.040	2.20E-12	8.45E-13	3.86E-13	4.67E-13	1.57E-11
20414.037	2.20E-12	8.60E-13	3.80E-13	4.73E-13	1.60E-11
20419.044	2.14E-12	8.37E-13	3.51E-13	4.61E-13	1.60E-11
20424.041	2.17E-12	8.22E-13	3.62E-13	4.38E-13	1.60E-11
20429.038	2.17E-12	8.45E-13	3.74E-13	4.73E-13	1.60E-11
20434.045	2.17E-12	8.22E-13	3.80E-13	4.67E-13	1.57E-11
20439.042	2.14E-12	8.37E-13	3.51E-13	4.67E-13	1.60E-11
20444.040	2.17E-12	8.06E-13	3.74E-13	4.55E-13	1.60E-11
20449.046	2.17E-12	8.60E-13	4.20E-13	4.84E-13	1.57E-11
20454.044	2.17E-12	8.22E-13	3.80E-13	4.55E-13	1.56E-11
20459.050	2.17E-12	8.06E-13	3.62E-13	4.50E-13	1.57E-11
20464.047	2.14E-12	8.29E-13	3.86E-13	4.61E-13	1.56E-11
20469.045	2.17E-12	8.45E-13	3.91E-13	4.50E-13	1.57E-11
20474.051	2.14E-12	8.45E-13	3.80E-13	4.73E-13	1.56E-11
20479.049	2.17E-12	8.29E-13	3.86E-13	4.38E-13	1.57E-11
20484.046	2.11E-12	8.22E-13	3.56E-13	4.61E-13	1.56E-11
20489.052	2.17E-12	8.52E-13	4.09E-13	4.84E-13	1.56E-11
20494.050	2.11E-12	8.45E-13	3.51E-13	4.20E-13	1.56E-11
20499.056	2.17E-12	8.68E-13	3.91E-13	4.73E-13	1.57E-11
20504.054	2.17E-12	8.45E-13	3.68E-13	4.38E-13	1.56E-11

DATA FROM PK35ENT

TIME	44	40	32	30	28
20509.051	2.17E-12	8.14E-13	3.51E-13	4.73E-13	1.55E-11
20514.058	2.14E-12	8.22E-13	3.74E-13	4.44E-13	1.56E-11
20519.055	2.11E-12	8.22E-13	3.51E-13	4.50E-13	1.56E-11
20524.053	2.14E-12	8.22E-13	3.74E-13	4.61E-13	1.56E-11
20529.059	2.14E-12	8.29E-13	3.91E-13	4.38E-13	1.56E-11
20534.056	2.17E-12	8.37E-13	3.62E-13	4.55E-13	1.56E-11
20539.063	2.14E-12	7.83E-13	3.51E-13	4.44E-13	1.56E-11
20544.060	2.14E-12	8.37E-13	3.68E-13	4.61E-13	1.56E-11
20549.058	2.17E-12	8.52E-13	3.80E-13	4.32E-13	1.55E-11
20554.064	2.17E-12	7.98E-13	3.80E-13	4.73E-13	1.56E-11
20559.061	2.17E-12	8.76E-13	4.15E-13	4.79E-13	1.56E-11
20564.068	2.11E-12	8.22E-13	3.91E-13	4.26E-13	1.56E-11
20569.065	2.11E-12	8.45E-13	3.68E-13	4.50E-13	1.55E-11
20574.063	2.17E-12	8.45E-13	3.68E-13	4.73E-13	1.56E-11
20579.069	2.14E-12	8.14E-13	3.86E-13	4.55E-13	1.56E-11
20584.067	2.11E-12	8.22E-13	3.80E-13	4.55E-13	1.56E-11
20589.064	2.14E-12	8.37E-13	3.74E-13	4.79E-13	1.55E-11
20594.070	2.14E-12	8.37E-13	3.91E-13	4.79E-13	1.56E-11
20599.068	2.11E-12	8.29E-13	3.86E-13	4.55E-13	1.56E-11
20604.074	2.14E-12	8.60E-13	3.86E-13	4.61E-13	1.56E-11
20609.072	2.14E-12	8.14E-13	3.86E-13	4.32E-13	1.55E-11
20614.069	2.14E-12	7.98E-13	3.68E-13	4.44E-13	1.55E-11
20619.075	2.17E-12	7.98E-13	3.80E-13	4.55E-13	1.55E-11
20624.073	2.11E-12	8.37E-13	3.80E-13	4.44E-13	1.54E-11
20629.070	2.14E-12	8.37E-13	3.62E-13	4.67E-13	1.53E-11
20634.077	2.14E-12	8.60E-13	3.74E-13	4.73E-13	1.54E-11
20639.074	2.05E-12	8.29E-13	3.74E-13	4.38E-13	1.54E-11
20644.081	2.14E-12	8.29E-13	3.74E-13	4.61E-13	1.55E-11
20649.078	2.14E-12	7.98E-13	3.62E-13	4.50E-13	1.53E-11
20654.076	2.14E-12	8.29E-13	3.62E-13	4.79E-13	1.55E-11
20659.082	2.11E-12	8.37E-13	3.97E-13	4.84E-13	1.55E-11
20664.079	2.08E-12	8.68E-13	3.74E-13	4.79E-13	1.54E-11
20669.086	2.11E-12	7.98E-13	3.57E-13	4.44E-13	1.53E-11
20674.083	2.11E-12	8.29E-13	3.68E-13	4.15E-13	1.55E-11
20679.081	2.11E-12	8.06E-13	3.51E-13	4.61E-13	1.54E-11
20684.087	2.14E-12	8.14E-13	3.86E-13	4.44E-13	1.54E-11
20689.084	2.17E-12	8.14E-13	3.68E-13	4.55E-13	1.53E-11
20694.082	2.11E-12	8.45E-13	3.45E-13	4.32E-13	1.54E-11
20699.088	2.11E-12	8.14E-13	3.51E-13	4.79E-13	1.54E-11
20704.086	2.08E-12	7.90E-13	3.68E-13	4.73E-13	1.54E-11
20709.083	2.14E-12	8.45E-13	3.86E-13	4.50E-13	1.53E-11
20714.090	2.11E-12	8.29E-13	3.57E-13	4.38E-13	1.53E-11
20719.087	2.08E-12	8.53E-13	3.62E-13	4.50E-13	1.53E-11
20724.093	2.11E-12	8.14E-13	3.56E-13	4.50E-13	1.54E-11
20729.091	2.11E-12	7.90E-13	3.57E-13	4.50E-13	1.53E-11
20734.088	2.05E-12	7.98E-13	3.45E-13	4.38E-13	1.53E-11
20739.095	2.11E-12	8.22E-13	3.51E-13	4.38E-13	1.53E-11

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
16743.434	1.59E-13	4.50E-13	6.88E-12	1.75E-12	3.81E-12	3.62E-13
16748.431	1.65E-13	4.44E-13	6.94E-12	1.69E-12	3.78E-12	3.68E-13
16753.437	1.65E-13	4.20E-13	6.82E-12	1.74E-12	3.81E-12	3.68E-13
16758.435	1.76E-13	4.67E-13	6.94E-12	1.78E-12	3.81E-12	3.74E-13
16763.441	1.88E-13	4.50E-13	6.88E-12	1.83E-12	3.78E-12	3.45E-13
16768.439	1.82E-13	4.32E-13	6.82E-12	1.75E-12	3.75E-12	3.33E-13
16773.436	1.71E-13	4.38E-13	6.94E-12	1.74E-12	3.81E-12	3.27E-13
16778.442	1.82E-13	4.20E-13	6.94E-12	1.77E-12	3.78E-12	3.45E-13
16783.440	1.94E-13	4.38E-13	6.94E-12	1.72E-12	3.81E-12	3.39E-13
16788.437	1.71E-13	4.26E-13	6.88E-12	1.74E-12	3.75E-12	3.62E-13
16793.443	1.82E-13	4.32E-13	6.94E-12	1.72E-12	3.78E-12	3.27E-13
16798.441	1.71E-13	4.38E-13	6.94E-12	1.72E-12	3.78E-12	3.57E-13
16803.438	1.65E-13	4.32E-13	6.94E-12	1.74E-12	3.78E-12	3.51E-13
16808.445	1.88E-13	4.50E-13	6.88E-12	1.75E-12	3.75E-12	3.74E-13
16813.442	1.88E-13	4.26E-13	6.88E-12	1.66E-12	3.78E-12	3.45E-13
16818.448	1.82E-13	4.09E-13	6.94E-12	1.75E-12	3.75E-12	3.45E-13
16823.446	1.76E-13	4.38E-13	6.94E-12	1.72E-12	3.75E-12	3.45E-13
16828.443	2.00E-13	4.44E-13	6.88E-12	1.74E-12	3.75E-12	3.56E-13
16833.450	2.00E-13	4.50E-13	6.88E-12	1.74E-12	3.78E-12	3.80E-13
16838.447	1.53E-13	4.38E-13	6.94E-12	1.75E-12	3.78E-12	3.51E-13
16843.453	2.00E-13	4.49E-13	6.94E-12	1.74E-12	3.78E-12	3.86E-13
16848.451	1.65E-13	4.20E-13	6.88E-12	1.74E-12	3.75E-12	3.56E-13
16858.455	1.88E-13	4.79E-13	6.94E-12	1.74E-12	3.81E-12	3.62E-13
16863.452	1.76E-13	4.15E-13	6.94E-12	1.74E-12	3.78E-12	3.74E-13
16868.458	1.71E-13	4.15E-13	6.88E-12	1.74E-12	3.72E-12	3.33E-13
16878.453	2.00E-13	4.38E-13	6.88E-12	1.74E-12	3.78E-12	3.39E-13
16883.459	1.94E-13	4.44E-13	6.94E-12	1.72E-12	3.78E-12	3.45E-13
16888.457	1.71E-13	4.26E-13	6.94E-12	1.72E-12	3.78E-12	3.57E-13
16893.454	1.65E-13	4.26E-13	6.88E-12	1.72E-12	3.78E-12	3.16E-13
16898.461	1.71E-13	4.20E-13	6.94E-12	1.72E-12	3.78E-12	3.39E-13
16903.458	1.76E-13	4.32E-13	6.94E-12	1.72E-12	3.78E-12	3.80E-13
16908.464	1.88E-13	4.26E-13	6.94E-12	1.67E-12	3.75E-12	3.45E-13
16913.462	1.76E-13	4.15E-13	6.94E-12	1.71E-12	3.75E-12	3.45E-13
16918.459	1.65E-13	4.32E-13	6.94E-12	1.75E-12	3.75E-12	3.39E-13
16923.466	1.76E-13	4.50E-13	6.94E-12	1.75E-12	3.75E-12	3.51E-13
16928.463	1.53E-13	4.09E-13	6.88E-12	1.75E-12	3.72E-12	3.51E-13
16933.460	1.94E-13	4.50E-13	6.94E-12	1.74E-12	3.81E-12	3.56E-13
16938.467	1.76E-13	4.38E-13	6.94E-12	1.77E-12	3.81E-12	3.51E-13
16943.464	1.88E-13	4.15E-13	6.94E-12	1.74E-12	3.78E-12	3.45E-13
16948.470	1.76E-13	4.20E-13	7.01E-12	1.75E-12	3.72E-12	3.68E-13
16953.468	2.00E-13	4.38E-13	6.94E-12	1.75E-12	3.81E-12	3.51E-13
16958.465	1.59E-13	4.20E-13	6.94E-12	1.78E-12	3.75E-12	3.33E-13
16963.472	1.65E-13	4.50E-13	6.94E-12	1.78E-12	3.78E-12	3.39E-13
16968.469	1.71E-13	4.50E-13	6.94E-12	1.72E-12	3.78E-12	3.27E-13
16973.466	1.94E-13	4.38E-13	6.94E-12	1.71E-12	3.78E-12	3.33E-13
16978.473	1.71E-13	4.26E-13	7.01E-12	1.75E-12	3.84E-12	3.45E-13
16983.470	1.94E-13	4.38E-13	6.94E-12	1.72E-12	3.75E-12	3.33E-13
16988.477	1.71E-13	4.15E-13	7.01E-12	1.67E-12	3.75E-12	3.80E-13
16993.474	1.65E-13	4.38E-13	7.01E-12	1.77E-12	3.84E-12	3.51E-13
16998.471	1.88E-13	4.61E-13	7.01E-12	1.75E-12	3.81E-12	3.51E-13
17003.478	1.71E-13	4.44E-13	7.01E-12	1.75E-12	3.78E-12	3.22E-13
17008.475	1.71E-13	4.55E-13	7.01E-12	1.74E-12	3.75E-12	3.45E-13
17013.481	1.71E-13	4.20E-13	6.94E-12	1.69E-12	3.72E-12	3.56E-13
17018.479	1.88E-13	4.44E-13	7.07E-12	1.77E-12	3.84E-12	3.57E-13
17023.476	1.71E-13	4.44E-13	7.01E-12	1.78E-12	3.81E-12	3.51E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
17028.483	1.76E-13	4.15E-13	6.94E-12	1.74E-12	3.75E-12	3.56E-13
17033.480	1.65E-13	4.38E-13	7.01E-12	1.75E-12	3.81E-12	3.16E-13
17038.477	1.88E-13	4.44E-13	7.13E-12	1.78E-12	3.84E-12	3.56E-13
17043.484	1.94E-13	4.55E-13	7.07E-12	1.74E-12	3.84E-12	3.45E-13
17048.481	1.65E-13	4.20E-13	7.01E-12	1.72E-12	3.72E-12	3.33E-13
17053.488	1.65E-13	4.38E-13	7.07E-12	1.75E-12	3.81E-12	3.33E-13
17058.485	1.71E-13	4.38E-13	7.07E-12	1.78E-12	3.84E-12	3.51E-13
17063.482	2.05E-13	4.67E-13	7.07E-12	1.77E-12	3.84E-12	3.74E-13
17068.489	1.88E-13	4.49E-13	7.01E-12	1.74E-12	3.75E-12	3.51E-13
17073.486	1.76E-13	4.44E-13	7.07E-12	1.74E-12	3.78E-12	3.45E-13
17078.484	2.11E-13	4.61E-13	7.01E-12	1.77E-12	3.81E-12	3.62E-13
17083.490	1.94E-13	4.55E-13	7.07E-12	1.75E-12	3.84E-12	3.57E-13
17088.487	1.94E-13	4.15E-13	7.01E-12	1.74E-12	3.72E-12	3.22E-13
17093.494	1.76E-13	4.32E-13	7.07E-12	1.74E-12	3.81E-12	3.56E-13
17098.491	1.82E-13	4.15E-13	7.01E-12	1.72E-12	3.78E-12	3.51E-13
17103.488	1.71E-13	4.38E-13	7.07E-12	1.78E-12	3.81E-12	3.33E-13
17108.495	1.88E-13	4.38E-13	7.01E-12	1.74E-12	3.78E-12	3.74E-13
17113.492	1.59E-13	4.38E-13	7.13E-12	1.74E-12	3.81E-12	3.57E-13
17118.499	1.94E-13	4.38E-13	7.07E-12	1.78E-12	3.81E-12	3.51E-13
17123.496	1.82E-13	4.15E-13	7.07E-12	1.77E-12	3.81E-12	3.39E-13
17128.493	1.94E-13	4.44E-13	7.01E-12	1.74E-12	3.78E-12	3.45E-13
17133.500	1.76E-13	4.44E-13	7.07E-12	1.72E-12	3.75E-12	3.39E-13
17138.497	1.88E-13	4.20E-13	7.07E-12	1.78E-12	3.84E-12	3.45E-13
17143.495	1.71E-13	4.38E-13	7.13E-12	1.74E-12	3.84E-12	3.39E-13
17148.501	2.17E-13	4.90E-13	7.13E-12	1.80E-12	3.84E-12	3.91E-13
17153.498	1.82E-13	4.32E-13	7.07E-12	1.80E-12	3.78E-12	3.74E-13
17158.496	1.59E-13	4.38E-13	7.13E-12	1.75E-12	3.78E-12	3.62E-13
17163.502	1.88E-13	4.20E-13	7.13E-12	1.74E-12	3.81E-12	3.16E-13
17168.500	2.00E-13	4.09E-13	7.07E-12	1.77E-12	3.81E-12	3.45E-13
17173.506	1.88E-13	4.38E-13	7.13E-12	1.78E-12	3.78E-12	3.33E-13
17178.503	1.71E-13	4.20E-13	7.13E-12	1.77E-12	3.81E-12	3.45E-13
17183.501	1.71E-13	4.61E-13	7.07E-12	1.75E-12	3.84E-12	3.33E-13
17188.507	1.76E-13	4.44E-13	7.13E-12	1.75E-12	3.78E-12	3.45E-13
17193.504	1.71E-13	4.38E-13	7.13E-12	1.77E-12	3.81E-12	3.39E-13
17198.511	1.59E-13	4.26E-13	7.13E-12	1.80E-12	3.81E-12	3.22E-13
17203.508	1.94E-13	4.32E-13	7.19E-12	1.81E-12	3.81E-12	3.86E-13
17208.506	1.76E-13	4.32E-13	7.13E-12	1.75E-12	3.72E-12	3.45E-13
17213.512	1.94E-13	4.44E-13	7.13E-12	1.72E-12	3.84E-12	3.62E-13
17218.509	1.65E-13	4.32E-13	7.13E-12	1.78E-12	3.84E-12	3.80E-13
17223.516	1.88E-13	4.38E-13	7.19E-12	1.80E-12	3.78E-12	3.56E-13
17228.513	1.94E-13	4.50E-13	7.13E-12	1.78E-12	3.78E-12	3.33E-13
17233.511	1.94E-13	4.26E-13	7.13E-12	1.80E-12	3.81E-12	3.51E-13
17238.517	1.71E-13	4.44E-13	7.19E-12	1.75E-12	3.84E-12	3.51E-13
17243.514	1.88E-13	4.55E-13	7.19E-12	1.81E-12	3.81E-12	3.62E-13
17248.512	1.59E-13	4.32E-13	7.19E-12	1.77E-12	3.78E-12	3.56E-13
17253.518	1.76E-13	4.09E-13	7.13E-12	1.75E-12	3.78E-12	3.51E-13
17258.515	1.82E-13	4.55E-13	7.19E-12	1.77E-12	3.84E-12	3.51E-13
17263.522	1.53E-13	4.44E-13	7.19E-12	1.77E-12	3.81E-12	3.45E-13
17268.519	1.82E-13	4.32E-13	7.13E-12	1.78E-12	3.81E-12	3.62E-13
17273.517	1.94E-13	4.32E-13	7.13E-12	1.78E-12	3.81E-12	3.27E-13
17278.523	1.76E-13	4.49E-13	7.19E-12	1.80E-12	3.81E-12	3.27E-13
17283.520	1.71E-13	4.73E-13	7.19E-12	1.78E-12	3.84E-12	3.68E-13
17288.518	1.88E-13	4.32E-13	7.13E-12	1.74E-12	3.75E-12	3.39E-13
17293.524	1.65E-13	4.20E-13	7.19E-12	1.75E-12	3.78E-12	3.16E-13
17298.522	2.17E-13	4.50E-13	7.19E-12	1.78E-12	3.91E-12	3.39E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
17303.528	1.53E-13	4.32E-13	7.25E-12	1.78E-12	3.84E-12	3.39E-13
17308.525	1.65E-13	4.44E-13	7.13E-12	1.75E-12	3.78E-12	3.68E-13
17313.523	1.88E-13	4.50E-13	7.13E-12	1.74E-12	3.81E-12	3.45E-13
17318.529	1.82E-13	4.67E-13	7.19E-12	1.84E-12	3.84E-12	3.57E-13
17323.527	1.71E-13	4.44E-13	7.19E-12	1.77E-12	3.78E-12	3.57E-13
17328.524	2.00E-13	4.44E-13	7.25E-12	1.78E-12	3.81E-12	3.39E-13
17333.530	1.71E-13	4.15E-13	7.19E-12	1.77E-12	3.81E-12	3.39E-13
17338.528	1.94E-13	4.50E-13	7.25E-12	1.80E-12	3.84E-12	3.27E-13
17343.534	1.94E-13	4.32E-13	7.32E-12	1.80E-12	3.84E-12	3.51E-13
17348.531	1.76E-13	4.32E-13	7.19E-12	1.78E-12	3.78E-12	3.33E-13
17353.529	1.82E-13	4.50E-13	7.25E-12	1.74E-12	3.84E-12	3.27E-13
17358.535	1.76E-13	4.32E-13	7.19E-12	1.77E-12	3.78E-12	3.39E-13
17363.533	1.65E-13	4.20E-13	7.32E-12	1.81E-12	3.84E-12	3.45E-13
17368.539	1.82E-13	4.32E-13	7.25E-12	1.83E-12	3.81E-12	3.56E-13
17373.536	1.71E-13	4.38E-13	7.25E-12	1.78E-12	3.81E-12	3.39E-13
17378.534	1.76E-13	4.44E-13	7.25E-12	1.80E-12	3.81E-12	3.33E-13
17383.540	1.76E-13	4.32E-13	7.32E-12	1.78E-12	3.84E-12	3.39E-13
17388.538	1.88E-13	4.67E-13	7.25E-12	1.80E-12	3.84E-12	3.45E-13
17393.535	2.00E-13	4.55E-13	7.25E-12	1.83E-12	3.78E-12	3.45E-13
17398.541	1.76E-13	4.38E-13	7.32E-12	1.75E-12	3.88E-12	3.27E-13
17403.539	1.88E-13	4.50E-13	7.32E-12	1.84E-12	3.84E-12	3.51E-13
17408.545	1.76E-13	4.61E-13	7.25E-12	1.78E-12	3.78E-12	3.62E-13
17413.543	1.88E-13	4.73E-13	7.32E-12	1.80E-12	3.88E-12	3.62E-13
17418.540	1.94E-13	4.44E-13	7.25E-12	1.80E-12	3.81E-12	3.56E-13
17423.546	1.76E-13	4.26E-13	7.32E-12	1.80E-12	3.84E-12	3.39E-13
17428.544	1.76E-13	4.26E-13	7.25E-12	1.72E-12	3.81E-12	3.74E-13
17433.541	1.82E-13	4.32E-13	7.38E-12	1.80E-12	3.88E-12	3.33E-13
17438.547	1.76E-13	4.50E-13	7.32E-12	1.78E-12	3.81E-12	3.62E-13
17443.545	1.94E-13	4.38E-13	7.32E-12	1.77E-12	3.84E-12	3.51E-13
17448.551	2.17E-13	4.67E-13	7.32E-12	1.83E-12	3.84E-12	3.57E-13
17453.549	1.82E-13	4.38E-13	7.32E-12	1.81E-12	3.84E-12	3.51E-13
17458.546	1.88E-13	4.09E-13	7.32E-12	1.81E-12	3.84E-12	3.51E-13
17463.552	1.76E-13	4.38E-13	7.38E-12	1.80E-12	3.81E-12	3.51E-13
17468.550	1.76E-13	4.67E-13	7.25E-12	1.83E-12	3.84E-12	3.62E-13
17473.556	2.05E-13	4.50E-13	7.32E-12	1.81E-12	3.88E-12	3.51E-13
17478.554	1.88E-13	4.26E-13	7.32E-12	1.80E-12	3.84E-12	3.39E-13
17483.551	1.88E-13	4.61E-13	7.32E-12	1.81E-12	3.91E-12	3.39E-13
17488.557	2.11E-13	4.50E-13	7.38E-12	1.83E-12	3.88E-12	3.62E-13
17493.555	1.94E-13	4.55E-13	7.32E-12	1.80E-12	3.84E-12	3.45E-13
17498.552	1.59E-13	4.32E-13	7.32E-12	1.81E-12	3.88E-12	3.22E-13
17503.558	1.88E-13	4.50E-13	7.44E-12	1.83E-12	3.88E-12	3.62E-13
17508.556	1.82E-13	4.50E-13	7.38E-12	1.78E-12	3.84E-12	3.33E-13
17513.553	1.94E-13	4.55E-13	7.25E-12	1.81E-12	3.81E-12	3.74E-13
17518.560	1.82E-13	4.55E-13	7.38E-12	1.78E-12	3.84E-12	3.45E-13
17523.557	1.71E-13	4.44E-13	7.38E-12	1.78E-12	3.84E-12	3.27E-13
17528.563	1.94E-13	4.50E-13	7.32E-12	1.75E-12	3.84E-12	3.39E-13
17533.561	2.00E-13	4.44E-13	7.38E-12	1.86E-12	3.78E-12	3.62E-13
17538.558	1.53E-13	4.44E-13	7.38E-12	1.83E-12	3.84E-12	3.56E-13
17543.565	1.76E-13	4.50E-13	7.38E-12	1.81E-12	3.84E-12	3.45E-13
17548.562	1.53E-13	4.55E-13	7.38E-12	1.80E-12	3.84E-12	3.57E-13
17553.568	1.76E-13	4.67E-13	7.44E-12	1.81E-12	3.84E-12	3.68E-13
17558.566	1.94E-13	4.32E-13	7.44E-12	1.84E-12	3.81E-12	3.33E-13
17563.563	1.59E-13	4.55E-13	7.38E-12	1.80E-12	3.88E-12	3.27E-13
17568.570	1.71E-13	4.44E-13	7.38E-12	1.78E-12	3.81E-12	3.56E-13
17573.567	1.65E-13	4.55E-13	7.38E-12	1.80E-12	3.81E-12	3.45E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
17578.573	2.05E-13	4.15E-13	7.50E-12	1.81E-12	3.91E-12	3.62E-13
17583.571	1.65E-13	4.44E-13	7.44E-12	1.84E-12	3.81E-12	3.39E-13
17588.568	1.76E-13	4.38E-13	7.38E-12	1.81E-12	3.84E-12	3.74E-13
17593.575	1.76E-13	4.73E-13	7.50E-12	1.78E-12	3.84E-12	3.27E-13
17598.572	1.76E-13	4.50E-13	7.44E-12	1.81E-12	3.91E-12	3.62E-13
17603.569	1.71E-13	4.79E-13	7.44E-12	1.81E-12	3.88E-12	3.62E-13
17608.576	1.65E-13	4.61E-13	7.38E-12	1.81E-12	3.81E-12	3.80E-13
17613.573	1.82E-13	4.55E-13	7.44E-12	1.81E-12	3.84E-12	3.33E-13
17618.580	1.71E-13	4.55E-13	7.44E-12	1.81E-12	3.88E-12	3.51E-13
17623.577	2.00E-13	4.44E-13	7.44E-12	1.81E-12	3.91E-12	3.39E-13
17633.581	1.88E-13	4.61E-13	7.44E-12	1.81E-12	3.81E-12	3.33E-13
17638.578	1.94E-13	4.26E-13	7.44E-12	1.81E-12	3.88E-12	3.62E-13
17643.576	1.65E-13	4.50E-13	7.44E-12	1.80E-12	3.91E-12	3.51E-13
17648.582	1.59E-13	4.26E-13	7.38E-12	1.81E-12	3.88E-12	3.56E-13
17653.579	1.88E-13	4.44E-13	7.50E-12	1.84E-12	3.88E-12	3.39E-13
17658.586	1.71E-13	4.55E-13	7.44E-12	1.84E-12	3.88E-12	3.51E-13
17663.583	1.71E-13	4.55E-13	7.44E-12	1.83E-12	3.88E-12	3.74E-13
17668.581	1.82E-13	4.50E-13	7.50E-12	1.81E-12	3.84E-12	3.33E-13
17673.587	1.82E-13	4.32E-13	7.50E-12	1.81E-12	3.84E-12	3.27E-13
17678.584	1.82E-13	4.61E-13	7.50E-12	1.86E-12	3.91E-12	3.86E-13
17683.582	1.88E-13	4.84E-13	7.50E-12	1.84E-12	3.84E-12	3.45E-13
17688.588	2.11E-13	4.20E-13	7.50E-12	1.86E-12	3.88E-12	3.27E-13
17693.585	1.76E-13	4.32E-13	7.50E-12	1.83E-12	3.84E-12	3.51E-13
17698.592	2.00E-13	4.79E-13	7.56E-12	1.84E-12	3.91E-12	3.56E-13
17703.589	1.65E-13	4.44E-13	7.56E-12	1.81E-12	3.84E-12	3.45E-13
17708.587	1.65E-13	4.67E-13	7.50E-12	1.81E-12	3.88E-12	3.45E-13
17713.593	1.88E-13	4.90E-13	7.56E-12	1.89E-12	3.88E-12	3.57E-13
17718.590	1.53E-13	4.61E-13	7.50E-12	1.83E-12	3.88E-12	3.45E-13
17723.597	1.70E-13	4.79E-13	7.56E-12	1.83E-12	3.91E-12	3.27E-13
17728.594	1.94E-13	4.73E-13	7.56E-12	1.84E-12	3.84E-12	3.97E-13
17733.592	1.65E-13	4.61E-13	7.56E-12	1.83E-12	3.88E-12	3.33E-13
17738.598	1.76E-13	4.67E-13	7.63E-12	1.84E-12	3.91E-12	3.27E-13
17743.595	1.71E-13	4.61E-13	7.50E-12	1.86E-12	3.84E-12	3.45E-13
17748.593	1.70E-13	4.15E-13	7.63E-12	1.88E-12	3.81E-12	3.45E-13
17753.599	1.94E-13	4.44E-13	7.56E-12	1.84E-12	3.91E-12	3.51E-13
17758.597	1.82E-13	4.44E-13	7.63E-12	1.88E-12	3.88E-12	3.56E-13
17763.603	1.71E-13	4.49E-13	7.56E-12	1.81E-12	3.84E-12	3.51E-13
17768.600	1.82E-13	4.55E-13	7.56E-12	1.83E-12	3.88E-12	3.51E-13
17773.598	1.88E-13	4.67E-13	7.63E-12	1.84E-12	3.81E-12	3.16E-13
17778.604	1.65E-13	4.49E-13	7.63E-12	1.83E-12	3.88E-12	3.62E-13
17783.602	1.88E-13	4.44E-13	7.56E-12	1.84E-12	3.91E-12	3.33E-13
17788.599	1.82E-13	4.55E-13	7.56E-12	1.83E-12	3.84E-12	3.33E-13
17793.605	1.76E-13	4.61E-13	7.56E-12	1.84E-12	3.88E-12	3.56E-13
17798.603	1.94E-13	4.44E-13	7.63E-12	1.88E-12	3.94E-12	3.39E-13
17803.609	1.82E-13	4.55E-13	7.63E-12	1.84E-12	3.88E-12	3.62E-13
17808.606	1.88E-13	4.44E-13	7.56E-12	1.83E-12	3.88E-12	3.22E-13
17813.604	1.76E-13	4.55E-13	7.63E-12	1.88E-12	3.88E-12	3.62E-13
17818.610	1.82E-13	4.55E-13	7.69E-12	1.84E-12	3.91E-12	3.33E-13
17823.608	1.76E-13	4.50E-13	7.56E-12	1.84E-12	3.91E-12	3.33E-13
17828.614	1.76E-13	4.55E-13	7.63E-12	1.84E-12	3.84E-12	3.51E-13
17833.611	1.65E-13	4.50E-13	7.63E-12	1.88E-12	3.88E-12	3.39E-13
17838.609	2.00E-13	4.73E-13	7.56E-12	1.86E-12	3.91E-12	3.39E-13
17843.615	1.76E-13	4.44E-13	7.63E-12	1.88E-12	3.91E-12	3.74E-13
17848.613	1.71E-13	4.67E-13	7.56E-12	1.86E-12	3.84E-12	3.51E-13
17853.610	1.59E-13	4.55E-13	7.63E-12	1.88E-12	3.84E-12	3.62E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
17858.616	1.71E-13	4.73E-13	7.56E-12	1.84E-12	3.84E-12	3.51E-13
17863.614	1.59E-13	4.32E-13	7.56E-12	1.88E-12	3.88E-12	3.51E-13
17868.611	2.00E-13	4.55E-13	7.50E-12	1.88E-12	3.88E-12	3.57E-13
17873.618	1.76E-13	4.61E-13	7.63E-12	1.81E-12	3.88E-12	3.39E-13
17878.615	1.70E-13	4.73E-13	7.50E-12	1.83E-12	3.91E-12	3.74E-13
17883.621	1.82E-13	4.55E-13	7.56E-12	1.83E-12	3.84E-12	3.33E-13
17888.619	1.88E-13	4.38E-13	7.50E-12	1.86E-12	3.78E-12	3.51E-13
17893.616	2.00E-13	4.50E-13	7.56E-12	1.89E-12	3.81E-12	3.45E-13
17898.623	2.05E-13	4.79E-13	7.56E-12	1.86E-12	3.91E-12	3.27E-13
17903.620	1.82E-13	4.44E-13	7.56E-12	1.84E-12	3.84E-12	3.62E-13
17908.626	1.47E-13	4.84E-13	7.50E-12	1.83E-12	3.84E-12	3.51E-13
17913.624	1.94E-13	4.61E-13	7.56E-12	1.84E-12	3.81E-12	3.51E-13
17918.621	2.00E-13	4.67E-13	7.56E-12	1.86E-12	3.88E-12	3.51E-13
17923.628	1.94E-13	4.44E-13	7.50E-12	1.83E-12	3.81E-12	3.74E-13
17928.625	2.11E-13	4.67E-13	7.50E-12	1.81E-12	3.84E-12	3.57E-13
0.000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18073.648	2.17E-13	4.44E-13	7.56E-12	1.84E-12	3.84E-12	3.39E-13
18078.655	1.71E-13	4.73E-13	7.63E-12	1.86E-12	3.84E-12	3.68E-13
18083.652	1.82E-13	4.49E-13	7.50E-12	1.83E-12	3.81E-12	3.45E-13
18088.650	1.65E-13	4.44E-13	7.63E-12	1.83E-12	3.81E-12	3.27E-13
18093.656	1.71E-13	4.38E-13	7.56E-12	1.84E-12	3.81E-12	3.27E-13
18098.653	1.82E-13	4.44E-13	7.56E-12	1.81E-12	3.81E-12	3.45E-13
18103.651	1.76E-13	4.67E-13	7.56E-12	1.84E-12	3.78E-12	3.27E-13
18108.657	2.00E-13	4.79E-13	7.56E-12	1.86E-12	3.81E-12	3.68E-13
18113.655	1.88E-13	4.44E-13	7.56E-12	1.83E-12	3.84E-12	3.51E-13
18118.661	1.88E-13	4.55E-13	7.56E-12	1.83E-12	3.88E-12	3.33E-13
18123.658	1.71E-13	4.38E-13	7.56E-12	1.89E-12	3.84E-12	3.62E-13
18128.656	1.71E-13	4.32E-13	7.56E-12	1.88E-12	3.81E-12	3.80E-13
18133.662	1.94E-13	4.38E-13	7.50E-12	1.83E-12	3.78E-12	3.39E-13
18138.660	1.76E-13	4.55E-13	7.56E-12	1.84E-12	3.88E-12	3.27E-13
18143.657	1.76E-13	4.44E-13	7.56E-12	1.84E-12	3.78E-12	3.45E-13
18148.663	1.88E-13	4.20E-13	7.56E-12	1.84E-12	3.78E-12	3.27E-13
18153.661	1.71E-13	4.38E-13	7.56E-12	1.84E-12	3.78E-12	3.22E-13
18158.667	1.82E-13	4.55E-13	7.56E-12	1.88E-12	3.84E-12	3.51E-13
18163.665	1.88E-13	4.44E-13	7.56E-12	1.88E-12	3.81E-12	3.56E-13
18168.662	2.11E-13	4.67E-13	7.50E-12	1.86E-12	3.78E-12	3.51E-13
18173.668	1.76E-13	4.55E-13	7.56E-12	1.88E-12	3.81E-12	3.74E-13
18178.666	1.76E-13	4.61E-13	7.56E-12	1.81E-12	3.81E-12	3.51E-13
18183.672	1.59E-13	4.44E-13	7.56E-12	1.86E-12	3.78E-12	3.33E-13
18188.670	1.65E-13	4.61E-13	7.56E-12	1.86E-12	3.81E-12	3.39E-13
18193.667	1.88E-13	4.55E-13	7.56E-12	1.86E-12	3.81E-12	3.39E-13
18198.673	1.94E-13	4.32E-13	7.56E-12	1.86E-12	3.81E-12	3.45E-13
18203.671	1.88E-13	4.20E-13	7.63E-12	1.86E-12	3.81E-12	3.51E-13
18208.668	1.47E-13	4.32E-13	7.56E-12	1.83E-12	3.75E-12	3.45E-13
18213.674	1.94E-13	4.32E-13	7.56E-12	1.84E-12	3.84E-12	3.51E-13
18218.672	1.53E-13	4.61E-13	7.56E-12	1.84E-12	3.78E-12	3.22E-13
18223.669	1.82E-13	4.67E-13	7.63E-12	1.86E-12	3.81E-12	3.27E-13
18228.676	1.94E-13	4.50E-13	7.63E-12	1.83E-12	3.75E-12	3.68E-13
18233.673	1.65E-13	4.26E-13	7.50E-12	1.78E-12	3.78E-12	3.86E-13
18238.679	1.71E-13	4.73E-13	7.56E-12	1.84E-12	3.78E-12	3.27E-13
18243.677	1.76E-13	4.44E-13	7.56E-12	1.84E-12	3.78E-12	3.51E-13
18248.674	1.82E-13	4.49E-13	7.50E-12	1.86E-12	3.72E-12	3.45E-13
18253.681	1.71E-13	4.50E-13	7.56E-12	1.86E-12	3.78E-12	3.68E-13
18258.678	1.76E-13	4.49E-13	7.56E-12	1.88E-12	3.78E-12	3.51E-13
18263.684	2.17E-13	4.61E-13	7.63E-12	1.86E-12	3.81E-12	3.27E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
18268.682	1.82E-13	4.50E-13	7.56E-12	1.92E-12	3.78E-12	3.51E-13
18273.679	1.76E-13	4.50E-13	7.50E-12	1.88E-12	3.78E-12	3.45E-13
18278.686	1.71E-13	4.49E-13	7.56E-12	1.84E-12	3.81E-12	3.56E-13
18283.683	1.71E-13	4.38E-13	7.56E-12	1.84E-12	3.72E-12	3.27E-13
18288.689	1.88E-13	4.61E-13	7.56E-12	1.86E-12	3.75E-12	3.45E-13
18293.687	1.88E-13	4.55E-13	7.63E-12	1.84E-12	3.78E-12	3.39E-13
18298.684	2.00E-13	4.50E-13	7.56E-12	1.84E-12	3.78E-12	3.33E-13
18303.691	1.88E-13	4.67E-13	7.56E-12	1.88E-12	3.81E-12	3.39E-13
18308.688	1.71E-13	4.44E-13	7.63E-12	1.86E-12	3.75E-12	3.45E-13
18313.686	1.71E-13	4.61E-13	7.56E-12	1.86E-12	3.88E-12	3.62E-13
18318.692	1.88E-13	4.84E-13	7.63E-12	1.91E-12	4.09E-12	3.51E-13
18323.689	1.88E-13	4.73E-13	7.63E-12	2.00E-12	4.28E-12	3.56E-13
18328.696	1.94E-13	4.90E-13	7.63E-12	2.14E-12	4.65E-12	3.74E-13
18333.693	1.88E-13	4.90E-13	7.63E-12	2.29E-12	5.02E-12	3.68E-13
18338.691	2.05E-13	5.66E-13	7.69E-12	2.57E-12	5.33E-12	3.97E-13
18343.697	1.94E-13	5.73E-13	7.63E-12	2.73E-12	5.46E-12	3.91E-13
18348.694	1.76E-13	5.50E-13	7.75E-12	2.91E-12	5.77E-12	4.26E-13
18353.692	1.94E-13	6.05E-13	7.75E-12	3.13E-12	6.01E-12	4.32E-13
18358.698	1.76E-13	6.05E-13	7.75E-12	3.32E-12	6.20E-12	4.38E-13
18363.695	1.76E-13	6.05E-13	7.75E-12	3.41E-12	6.51E-12	4.84E-13
18368.702	1.94E-13	6.43E-13	7.75E-12	3.53E-12	6.63E-12	4.79E-13
18373.699	2.00E-13	6.28E-13	7.81E-12	3.50E-12	6.45E-12	4.61E-13
18378.697	1.76E-13	6.20E-13	7.81E-12	3.41E-12	6.20E-12	4.55E-13
18383.703	2.05E-13	6.05E-13	7.81E-12	3.38E-12	5.83E-12	4.44E-13
18388.700	2.00E-13	5.89E-13	7.81E-12	3.29E-12	5.58E-12	4.61E-13
18393.698	2.11E-13	5.81E-13	7.81E-12	3.13E-12	5.21E-12	4.84E-13
18398.704	1.88E-13	5.35E-13	7.81E-12	3.04E-12	5.08E-12	4.20E-13
18403.702	1.88E-13	5.35E-13	7.81E-12	2.91E-12	4.84E-12	4.49E-13
18408.708	1.76E-13	5.27E-13	7.81E-12	2.82E-12	4.65E-12	4.26E-13
18413.705	1.94E-13	5.27E-13	7.81E-12	2.82E-12	4.46E-12	4.20E-13
18418.703	1.71E-13	5.13E-13	7.81E-12	2.70E-12	4.34E-12	4.50E-13
18423.709	2.34E-13	5.27E-13	7.75E-12	2.64E-12	4.22E-12	4.32E-13
18428.707	1.71E-13	4.86E-13	7.81E-12	2.57E-12	4.09E-12	4.20E-13
18433.713	1.76E-13	4.67E-13	7.81E-12	2.51E-12	4.03E-12	3.91E-13
18438.710	1.71E-13	4.55E-13	7.81E-12	2.45E-12	3.91E-12	4.03E-13
18443.708	1.82E-13	4.67E-13	7.81E-12	2.45E-12	3.84E-12	4.15E-13
18448.714	1.94E-13	4.73E-13	7.81E-12	2.32E-12	3.78E-12	3.97E-13
18453.712	1.82E-13	4.38E-13	7.81E-12	2.32E-12	3.75E-12	3.51E-13
18458.709	2.00E-13	4.79E-13	7.81E-12	2.29E-12	3.72E-12	3.91E-13
18463.715	1.88E-13	4.50E-13	7.81E-12	2.20E-12	3.63E-12	3.97E-13
18468.713	1.76E-13	4.55E-13	7.81E-12	2.23E-12	3.60E-12	3.86E-13
18473.719	1.82E-13	4.55E-13	7.81E-12	2.17E-12	3.63E-12	3.68E-13
18478.717	1.82E-13	4.38E-13	7.81E-12	2.17E-12	3.57E-12	3.68E-13
18483.714	1.94E-13	4.26E-13	7.81E-12	2.14E-12	3.50E-12	3.68E-13
18488.720	1.88E-13	4.32E-13	7.75E-12	2.08E-12	3.47E-12	3.91E-13
18493.718	1.70E-13	4.32E-13	7.75E-12	2.11E-12	3.47E-12	3.56E-13
18498.715	1.71E-13	4.20E-13	7.81E-12	2.08E-12	3.47E-12	3.56E-13
18503.722	1.65E-13	4.15E-13	7.81E-12	2.05E-12	3.44E-12	3.62E-13
18508.719	1.59E-13	4.26E-13	7.75E-12	2.01E-12	3.44E-12	3.62E-13
18513.725	1.65E-13	4.61E-13	7.69E-12	1.98E-12	3.38E-12	3.62E-13
18518.723	1.71E-13	4.38E-13	7.81E-12	2.01E-12	3.47E-12	3.80E-13
18523.720	1.82E-13	4.38E-13	7.81E-12	1.95E-12	3.35E-12	3.62E-13
18528.727	1.71E-13	4.15E-13	7.75E-12	1.95E-12	3.44E-12	3.91E-13
18533.724	1.59E-13	4.32E-13	7.75E-12	1.95E-12	3.38E-12	3.51E-13
18538.730	1.88E-13	4.09E-13	7.81E-12	1.95E-12	3.44E-12	3.86E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
18543.728	1.65E-13	4.38E-13	7.81E-12	1.94E-12	3.44E-12	3.51E-13
18548.725	1.82E-13	4.26E-13	7.75E-12	1.92E-12	3.38E-12	3.80E-13
18553.732	1.76E-13	4.38E-13	7.81E-12	1.91E-12	3.38E-12	3.51E-13
18558.729	2.00E-13	4.32E-13	7.81E-12	1.94E-12	3.38E-12	3.62E-13
18563.727	2.00E-13	4.50E-13	7.81E-12	1.92E-12	3.41E-12	3.80E-13
18568.733	1.59E-13	4.20E-13	7.75E-12	1.84E-12	3.38E-12	3.51E-13
18573.730	2.05E-13	4.09E-13	7.81E-12	1.92E-12	3.38E-12	3.62E-13
18578.728	1.82E-13	4.26E-13	7.81E-12	1.92E-12	3.41E-12	3.74E-13
18583.734	2.05E-13	4.09E-13	7.81E-12	1.91E-12	3.38E-12	3.68E-13
18588.732	1.94E-13	4.26E-13	7.75E-12	1.91E-12	3.38E-12	3.51E-13
18593.738	1.82E-13	4.32E-13	7.69E-12	1.88E-12	3.32E-12	3.27E-13
18598.735	1.65E-13	3.91E-13	7.81E-12	1.91E-12	3.41E-12	3.51E-13
18603.733	1.71E-13	4.15E-13	7.75E-12	1.88E-12	3.32E-12	3.51E-13
18608.739	1.76E-13	4.20E-13	7.75E-12	1.91E-12	3.38E-12	3.51E-13
18613.736	1.65E-13	4.26E-13	7.81E-12	1.94E-12	3.38E-12	3.51E-13
18618.743	1.88E-13	4.55E-13	7.69E-12	1.89E-12	3.38E-12	3.33E-13
18623.740	2.05E-13	4.32E-13	7.81E-12	1.88E-12	3.41E-12	3.56E-13
18628.738	2.00E-13	4.15E-13	7.75E-12	1.84E-12	3.35E-12	3.45E-13
18633.744	1.94E-13	3.91E-13	7.75E-12	1.88E-12	3.41E-12	3.56E-13
18638.741	2.05E-13	4.38E-13	7.75E-12	1.89E-12	3.44E-12	3.51E-13
18643.748	1.71E-13	4.20E-13	7.81E-12	1.86E-12	3.38E-12	3.74E-13
18648.745	1.94E-13	4.32E-13	7.75E-12	1.86E-12	3.41E-12	3.74E-13
18653.743	1.94E-13	4.38E-13	7.75E-12	1.84E-12	3.44E-12	3.68E-13
18658.749	1.94E-13	4.38E-13	7.81E-12	1.89E-12	3.41E-12	3.57E-13
18663.746	1.88E-13	4.38E-13	7.75E-12	1.86E-12	3.38E-12	3.86E-13
18668.744	1.94E-13	4.38E-13	7.75E-12	1.84E-12	3.35E-12	3.56E-13
18673.750	1.76E-13	4.32E-13	7.75E-12	1.84E-12	3.41E-12	3.39E-13
18678.748	1.59E-13	4.49E-13	7.75E-12	1.84E-12	3.41E-12	3.62E-13
18683.754	1.76E-13	4.50E-13	7.75E-12	1.86E-12	3.41E-12	3.62E-13
18688.751	1.76E-13	4.09E-13	7.75E-12	1.86E-12	3.38E-12	3.68E-13
18693.749	2.05E-13	4.15E-13	7.69E-12	1.83E-12	3.44E-12	3.62E-13
18698.755	1.82E-13	4.32E-13	7.75E-12	1.88E-12	3.44E-12	3.39E-13
18703.753	1.88E-13	4.26E-13	7.75E-12	1.89E-12	3.41E-12	3.56E-13
18708.750	1.76E-13	4.32E-13	7.75E-12	1.91E-12	3.38E-12	3.39E-13
18713.756	1.88E-13	4.20E-13	7.75E-12	1.86E-12	3.44E-12	3.51E-13
18718.754	1.82E-13	4.50E-13	7.75E-12	1.89E-12	3.44E-12	3.45E-13
18723.760	1.71E-13	4.67E-13	7.81E-12	1.86E-12	3.44E-12	3.74E-13
18728.758	1.82E-13	4.44E-13	7.75E-12	1.88E-12	3.41E-12	3.56E-13
18733.755	1.88E-13	4.20E-13	7.75E-12	1.89E-12	3.44E-12	3.51E-13
18738.761	1.71E-13	4.03E-13	7.75E-12	1.88E-12	3.41E-12	3.45E-13
18743.759	1.76E-13	4.20E-13	7.81E-12	1.86E-12	3.44E-12	3.62E-13
18748.756	1.71E-13	4.32E-13	7.75E-12	1.88E-12	3.44E-12	3.57E-13
18753.763	1.76E-13	4.20E-13	7.75E-12	1.86E-12	3.41E-12	3.51E-13
18758.760	1.65E-13	4.38E-13	7.81E-12	1.84E-12	3.44E-12	3.33E-13
18763.766	1.88E-13	4.38E-13	7.81E-12	1.83E-12	3.38E-12	3.57E-13
18768.764	1.76E-13	4.03E-13	7.75E-12	1.94E-12	3.44E-12	3.56E-13
18773.761	1.71E-13	4.44E-13	7.75E-12	1.86E-12	3.44E-12	3.51E-13
18778.768	1.76E-13	4.32E-13	7.75E-12	1.89E-12	3.44E-12	3.56E-13
18783.765	1.82E-13	4.49E-13	7.81E-12	1.84E-12	3.38E-12	3.51E-13
18788.771	1.88E-13	4.44E-13	7.75E-12	1.88E-12	3.38E-12	3.51E-13
18793.769	2.00E-13	4.20E-13	7.75E-12	1.89E-12	3.44E-12	3.68E-13
18798.766	1.88E-13	4.50E-13	7.81E-12	1.89E-12	3.47E-12	3.39E-13
18803.773	1.88E-13	4.50E-13	7.75E-12	1.88E-12	3.44E-12	3.62E-13
18808.770	1.76E-13	4.26E-13	7.75E-12	1.88E-12	3.44E-12	3.56E-13
18813.768	1.70E-13	4.38E-13	7.81E-12	1.83E-12	3.44E-12	3.45E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
18818.774	2.11E-13	4.73E-13	7.81E-12	1.89E-12	3.47E-12	3.51E-13
18823.771	1.88E-13	4.15E-13	7.81E-12	1.88E-12	3.41E-12	3.56E-13
18828.778	1.71E-13	4.20E-13	7.75E-12	1.88E-12	3.41E-12	3.74E-13
18833.775	1.65E-13	4.03E-13	7.81E-12	1.89E-12	3.41E-12	3.62E-13
18838.773	2.11E-13	4.55E-13	7.81E-12	1.89E-12	3.44E-12	3.68E-13
18843.779	1.59E-13	4.44E-13	7.81E-12	1.88E-12	3.44E-12	3.51E-13
18848.776	1.65E-13	4.44E-13	7.75E-12	1.86E-12	3.44E-12	3.57E-13
18853.774	1.47E-13	4.15E-13	7.81E-12	1.92E-12	3.50E-12	3.39E-13
18858.780	2.00E-13	4.26E-13	7.81E-12	1.88E-12	3.47E-12	3.39E-13
18863.778	1.82E-13	4.38E-13	7.81E-12	1.84E-12	3.44E-12	3.33E-13
18868.784	1.94E-13	4.26E-13	7.75E-12	1.89E-12	3.47E-12	3.45E-13
18873.781	2.05E-13	4.67E-13	7.81E-12	1.89E-12	3.47E-12	3.62E-13
18878.779	1.88E-13	4.26E-13	7.81E-12	1.88E-12	3.50E-12	3.68E-13
18883.785	1.94E-13	4.61E-13	7.81E-12	1.88E-12	3.47E-12	3.51E-13
18888.783	2.05E-13	4.09E-13	7.75E-12	1.89E-12	3.50E-12	3.57E-13
18893.789	1.71E-13	4.32E-13	7.81E-12	1.86E-12	3.50E-12	3.33E-13
18898.786	1.82E-13	4.55E-13	7.81E-12	1.92E-12	3.50E-12	3.62E-13
18903.784	2.00E-13	4.38E-13	7.81E-12	1.88E-12	3.50E-12	3.56E-13
18908.790	1.94E-13	4.61E-13	7.81E-12	1.92E-12	3.57E-12	3.51E-13
18913.788	1.82E-13	4.49E-13	7.81E-12	1.89E-12	3.53E-12	3.45E-13
18918.785	1.76E-13	4.15E-13	7.81E-12	1.88E-12	3.57E-12	3.51E-13
18923.791	1.82E-13	4.50E-13	7.81E-12	1.92E-12	3.50E-12	3.45E-13
18928.789	1.59E-13	4.09E-13	7.81E-12	1.94E-12	3.53E-12	3.45E-13
18933.786	1.88E-13	4.15E-13	7.81E-12	1.91E-12	3.60E-12	3.51E-13
18938.793	1.88E-13	4.50E-13	7.81E-12	1.84E-12	3.57E-12	3.39E-13
18943.790	1.59E-13	4.50E-13	7.81E-12	1.88E-12	3.57E-12	3.45E-13
18948.796	1.76E-13	4.20E-13	7.81E-12	1.89E-12	3.57E-12	3.45E-13
18953.794	1.47E-13	4.20E-13	7.81E-12	1.88E-12	3.57E-12	3.45E-13
18958.791	1.94E-13	4.44E-13	7.81E-12	1.89E-12	3.53E-12	3.62E-13
18963.798	1.71E-13	4.55E-13	7.81E-12	1.89E-12	3.53E-12	3.74E-13
18968.795	1.82E-13	4.20E-13	7.81E-12	1.89E-12	3.53E-12	3.16E-13
18973.801	1.82E-13	4.50E-13	7.81E-12	1.91E-12	3.57E-12	3.45E-13
18978.799	1.71E-13	4.61E-13	7.81E-12	1.89E-12	3.57E-12	3.51E-13
18983.796	1.82E-13	4.26E-13	7.87E-12	1.89E-12	3.57E-12	3.62E-13
18988.803	1.88E-13	4.44E-13	7.81E-12	1.89E-12	3.57E-12	3.27E-13
18993.800	1.88E-13	4.38E-13	8.00E-12	1.91E-12	3.53E-12	3.56E-13
18998.806	1.65E-13	4.67E-13	7.81E-12	1.94E-12	3.60E-12	3.62E-13
19003.804	1.76E-13	4.55E-13	7.81E-12	1.88E-12	3.60E-12	3.56E-13
19008.801	2.00E-13	4.44E-13	8.00E-12	1.89E-12	3.60E-12	3.45E-13
19013.808	1.82E-13	4.49E-13	7.87E-12	1.88E-12	3.57E-12	3.51E-13
19018.805	1.94E-13	4.84E-13	7.81E-12	1.86E-12	3.63E-12	3.33E-13
19023.803	1.76E-13	4.50E-13	7.81E-12	1.91E-12	3.63E-12	3.74E-13
19028.809	2.00E-13	4.44E-13	7.87E-12	1.89E-12	3.66E-12	3.45E-13
19033.806	2.00E-13	4.55E-13	7.81E-12	1.91E-12	3.69E-12	3.51E-13
19038.813	1.88E-13	4.50E-13	7.81E-12	1.91E-12	3.66E-12	3.68E-13
19043.810	1.94E-13	4.79E-13	8.06E-12	1.91E-12	3.63E-12	3.68E-13
19048.808	1.94E-13	4.67E-13	8.00E-12	1.92E-12	3.63E-12	3.39E-13
19053.814	2.00E-13	4.61E-13	8.00E-12	1.92E-12	3.69E-12	3.62E-13
19058.811	1.88E-13	4.61E-13	8.18E-12	1.88E-12	3.66E-12	3.39E-13
19063.809	2.23E-13	4.61E-13	7.94E-12	1.94E-12	3.66E-12	3.68E-13
19068.815	1.88E-13	4.44E-13	7.81E-12	1.91E-12	3.69E-12	3.68E-13
19073.813	1.82E-13	4.44E-13	8.00E-12	1.91E-12	3.69E-12	3.39E-13
19078.819	1.76E-13	4.38E-13	7.81E-12	1.89E-12	3.69E-12	3.45E-13
19083.816	1.82E-13	4.38E-13	7.94E-12	1.91E-12	3.69E-12	3.56E-13
19088.814	1.76E-13	4.32E-13	8.00E-12	1.95E-12	3.66E-12	3.57E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
19093.820	1.82E-13	4.61E-13	7.87E-12	1.98E-12	3.69E-12	3.62E-13
19098.818	1.82E-13	4.26E-13	7.87E-12	1.97E-12	3.75E-12	3.45E-13
19103.815	1.71E-13	4.79E-13	8.06E-12	1.95E-12	3.78E-12	3.68E-13
19108.821	1.82E-13	4.73E-13	8.00E-12	1.94E-12	3.94E-12	3.68E-13
19113.819	1.82E-13	4.96E-13	8.00E-12	1.98E-12	4.22E-12	3.74E-13
19118.825	1.76E-13	4.79E-13	8.18E-12	1.98E-12	4.40E-12	3.39E-13
19123.823	1.82E-13	4.90E-13	8.06E-12	1.98E-12	4.53E-12	3.51E-13
19128.820	1.94E-13	4.98E-13	8.18E-12	2.05E-12	4.65E-12	3.74E-13
19133.826	1.59E-13	5.04E-13	8.18E-12	2.01E-12	4.90E-12	3.86E-13
19138.824	1.88E-13	5.35E-13	8.18E-12	2.08E-12	5.08E-12	3.91E-13
19143.830	2.05E-13	5.11E-13	8.06E-12	2.11E-12	5.27E-12	3.68E-13
19148.828	1.94E-13	5.97E-13	8.18E-12	2.08E-12	5.39E-12	3.39E-13
19153.825	1.65E-13	5.66E-13	8.18E-12	2.11E-12	5.58E-12	3.86E-13
19158.831	1.88E-13	6.12E-13	8.18E-12	2.11E-12	5.77E-12	3.57E-13
19163.829	1.71E-13	6.20E-13	8.06E-12	2.14E-12	5.77E-12	3.51E-13
19168.826	1.76E-13	6.43E-13	8.18E-12	2.17E-12	6.01E-12	3.80E-13
19173.833	1.59E-13	6.66E-13	8.31E-12	2.20E-12	6.26E-12	3.80E-13
19178.830	2.05E-13	6.51E-13	8.18E-12	2.23E-12	6.39E-12	3.80E-13
19183.836	2.00E-13	6.74E-13	8.18E-12	2.20E-12	6.45E-12	3.86E-13
19188.834	1.88E-13	6.59E-13	8.31E-12	2.26E-12	6.76E-12	3.80E-13
19193.831	2.29E-13	6.98E-13	8.18E-12	2.26E-12	6.88E-12	3.86E-13
19198.838	2.05E-13	7.28E-13	8.18E-12	2.29E-12	7.07E-12	4.32E-13
19203.835	1.94E-13	7.44E-13	8.31E-12	2.29E-12	7.13E-12	3.91E-13
19208.833	2.00E-13	7.52E-13	8.31E-12	2.32E-12	7.32E-12	4.03E-13
19213.839	1.76E-13	7.67E-13	8.31E-12	2.32E-12	7.56E-12	4.03E-13
19218.836	1.88E-13	7.36E-13	8.43E-12	2.32E-12	7.69E-12	3.68E-13
19233.838	2.23E-13	7.98E-13	8.43E-12	2.39E-12	8.18E-12	4.09E-13
19238.844	2.17E-13	8.14E-13	8.43E-12	2.42E-12	8.31E-12	4.03E-13
19243.841	1.88E-13	7.98E-13	8.43E-12	2.42E-12	8.43E-12	3.97E-13
19248.848	2.00E-13	8.14E-13	8.43E-12	2.45E-12	8.68E-12	4.15E-13
19253.845	1.94E-13	8.91E-13	8.43E-12	2.51E-12	8.80E-12	3.91E-13
19258.843	1.94E-13	8.22E-13	8.56E-12	2.51E-12	8.93E-12	4.20E-13
19263.849	2.11E-13	8.91E-13	8.43E-12	2.54E-12	9.05E-12	4.20E-13
19268.846	1.94E-13	9.14E-13	8.68E-12	2.54E-12	9.18E-12	3.97E-13
19273.844	2.00E-13	9.14E-13	8.68E-12	2.57E-12	9.42E-12	4.15E-13
19278.850	2.05E-13	9.53E-13	8.56E-12	2.54E-12	9.67E-12	4.32E-13
19283.848	2.05E-13	9.22E-13	8.56E-12	2.57E-12	9.55E-12	4.15E-13
19288.845	2.17E-13	9.46E-13	8.56E-12	2.60E-12	9.80E-12	4.26E-13
19293.851	1.82E-13	9.61E-13	8.68E-12	2.64E-12	1.00E-11	4.20E-13
19298.849	2.11E-13	9.69E-13	8.68E-12	2.60E-12	1.02E-11	4.32E-13
19348.859	2.29E-13	1.16E-12	8.93E-12	2.94E-12	1.28E-11	4.84E-13
19353.865	2.29E-13	1.24E-12	9.05E-12	2.94E-12	1.31E-11	4.61E-13
19358.863	2.11E-13	1.24E-12	9.05E-12	2.91E-12	1.34E-11	4.67E-13
19363.860	2.17E-13	1.24E-12	9.05E-12	2.94E-12	1.38E-11	4.61E-13
19368.867	2.00E-13	1.27E-12	9.05E-12	2.98E-12	1.43E-11	5.06E-13
19373.864	2.34E-13	1.30E-12	9.05E-12	3.04E-12	1.45E-11	4.96E-13
19378.861	2.00E-13	1.35E-12	9.18E-12	3.07E-12	1.50E-11	5.35E-13
19383.868	2.00E-13	1.36E-12	9.05E-12	3.07E-12	1.54E-11	5.42E-13
19388.865	2.23E-13	1.46E-12	9.18E-12	3.16E-12	1.60E-11	5.66E-13
19393.872	2.23E-13	1.47E-12	9.18E-12	3.26E-12	1.69E-11	5.35E-13
19398.869	2.46E-13	1.55E-12	9.18E-12	3.32E-12	1.74E-11	5.58E-13
19403.866	2.40E-13	1.55E-12	9.30E-12	3.35E-12	1.79E-11	5.97E-13
19408.873	2.46E-13	1.61E-12	9.30E-12	3.44E-12	1.88E-11	5.42E-13
19413.870	2.75E-13	1.69E-12	9.42E-12	3.53E-12	1.96E-11	5.66E-13
19418.868	2.58E-13	1.75E-12	9.42E-12	3.66E-12	2.08E-11	6.20E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
19423.874	2.64E-13	1.84E-12	9.30E-12	3.75E-12	2.16E-11	6.74E-13
19428.872	2.69E-13	1.92E-12	9.42E-12	3.88E-12	2.36E-11	6.43E-13
19433.878	2.87E-13	2.17E-12	9.67E-12	4.28E-12	2.63E-11	7.21E-13
19438.875	2.98E-13	2.42E-12	9.55E-12	4.59E-12	3.03E-11	7.67E-13
19443.873	2.75E-13	2.73E-12	9.67E-12	5.15E-12	3.57E-11	8.37E-13
19448.879	3.27E-13	3.38E-12	9.92E-12	5.95E-12	4.36E-11	9.22E-13
19453.877	3.22E-13	4.15E-12	1.02E-11	7.01E-12	5.31E-11	1.07E-12
19458.874	4.03E-13	5.08E-12	1.03E-11	8.43E-12	6.50E-11	1.26E-12
19463.880	4.26E-13	6.01E-12	1.05E-11	7.50E-12	5.51E-11	1.19E-12
19468.878	2.46E-13	3.38E-12	1.08E-11	2.60E-12	1.17E-11	5.50E-13
19473.884	2.17E-13	1.41E-12	1.05E-11	2.14E-12	4.09E-12	4.15E-13
19478.882	2.00E-13	7.83E-13	1.03E-11	2.08E-12	2.79E-12	4.03E-13
19483.879	1.82E-13	6.20E-13	1.03E-11	2.01E-12	2.60E-12	3.91E-13
19488.885	1.94E-13	5.35E-13	1.02E-11	2.05E-12	2.60E-12	3.91E-13
19493.883	2.05E-13	5.50E-13	1.02E-11	2.05E-12	2.82E-12	3.80E-13
19498.889	1.82E-13	5.50E-13	1.02E-11	2.11E-12	3.04E-12	4.03E-13
19503.887	2.05E-13	5.50E-13	1.00E-11	2.11E-12	3.16E-12	3.91E-13
19508.884	2.11E-13	5.50E-13	9.92E-12	2.17E-12	3.50E-12	3.91E-13
19513.890	2.05E-13	6.05E-13	9.92E-12	2.26E-12	3.78E-12	4.15E-13
19518.888	1.94E-13	6.36E-13	9.92E-12	2.36E-12	4.34E-12	4.26E-13
19523.885	2.05E-13	6.82E-13	9.80E-12	2.54E-12	5.02E-12	4.61E-13
19528.892	2.46E-13	7.83E-13	9.80E-12	2.79E-12	5.77E-12	5.42E-13
19533.889	3.16E-13	8.22E-13	9.80E-12	3.13E-12	6.51E-12	6.98E-13
19548.890	8.99E-13	1.69E-12	9.80E-12	6.88E-12	1.60E-11	2.05E-12
19553.897	1.27E-12	2.20E-12	9.92E-12	9.05E-12	2.06E-11	2.79E-12
19558.894	1.72E-12	2.76E-12	9.92E-12	1.12E-11	2.48E-11	3.72E-12
19563.892	2.26E-12	3.26E-12	1.00E-11	1.39E-11	2.95E-11	4.84E-12
19568.898	3.10E-12	4.15E-12	1.02E-11	1.76E-11	3.72E-11	6.26E-12
19573.895	3.50E-12	4.77E-12	1.04E-11	2.01E-11	4.27E-11	7.25E-12
19578.902	4.15E-12	5.39E-12	1.04E-11	2.28E-11	4.66E-11	8.43E-12
19583.899	4.77E-12	6.08E-12	1.05E-11	2.63E-11	5.16E-11	9.92E-12
19588.897	5.64E-12	6.88E-12	1.09E-11	3.05E-11	5.90E-11	1.18E-11
19593.903	6.57E-12	7.63E-12	1.12E-11	3.57E-11	6.35E-11	1.35E-11
19598.900	5.33E-12	7.19E-12	1.14E-11	1.93E-11	3.27E-11	5.21E-12
19603.907	4.03E-13	2.67E-12	1.13E-11	2.98E-12	5.64E-12	7.75E-13
19608.904	2.17E-13	1.04E-12	1.10E-11	2.23E-12	2.36E-12	4.44E-13
19613.902	2.00E-13	5.89E-13	1.09E-11	2.11E-12	1.74E-12	4.09E-13
19618.908	1.88E-13	5.66E-13	1.07E-11	2.08E-12	1.57E-12	4.15E-13
19623.905	1.94E-13	4.55E-13	1.05E-11	2.05E-12	1.40E-12	4.09E-13
19628.903	1.82E-13	4.20E-13	1.05E-11	2.01E-12	1.32E-12	3.68E-13
19633.909	2.11E-13	4.55E-13	1.04E-11	1.98E-12	1.27E-12	3.68E-13
19638.907	2.00E-13	4.44E-13	1.02E-11	1.98E-12	1.24E-12	4.03E-13
19643.904	2.00E-13	4.20E-13	1.02E-11	1.94E-12	1.22E-12	3.57E-13
19648.911	1.82E-13	4.03E-13	1.00E-11	1.94E-12	1.13E-12	3.62E-13
19653.908	1.65E-13	4.03E-13	1.00E-11	1.94E-12	1.13E-12	3.62E-13
19658.914	2.00E-13	3.91E-13	9.92E-12	1.95E-12	1.12E-12	1.00E-14
19633.909	2.11E-13	4.55E-13	1.04E-11	1.98E-12	1.27E-12	3.68E-13
19638.907	2.00E-13	4.44E-13	1.02E-11	1.98E-12	1.24E-12	4.03E-13
19643.904	2.00E-13	4.20E-13	1.02E-11	1.94E-12	1.22E-12	3.57E-13
19648.911	1.82E-13	4.03E-13	1.00E-11	1.94E-12	1.13E-12	3.62E-13
19653.908	1.65E-13	4.03E-13	1.00E-11	1.94E-12	1.13E-12	3.62E-13
19658.914	2.00E-13	3.91E-13	9.92E-12	1.95E-12	1.12E-12	3.97E-13
19663.912	2.00E-13	3.86E-13	9.80E-12	1.95E-12	1.12E-12	3.86E-13
19668.909	1.88E-13	3.74E-13	9.80E-12	1.92E-12	1.05E-12	3.62E-13
19673.916	1.76E-13	3.68E-13	9.80E-12	1.94E-12	1.05E-12	3.68E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
19678.913	1.65E-13	3.74E-13	9.67E-12	1.89E-12	1.04E-12	3.74E-13
19683.919	1.65E-13	3.97E-13	9.55E-12	1.91E-12	9.84E-13	3.80E-13
19688.917	1.65E-13	3.68E-13	9.67E-12	1.89E-12	1.00E-12	3.74E-13
19693.914	2.05E-13	3.80E-13	9.55E-12	1.92E-12	1.01E-12	3.74E-13
19698.921	1.76E-13	3.27E-13	9.42E-12	1.89E-12	9.53E-13	3.33E-13
19703.918	1.65E-13	3.27E-13	9.30E-12	1.89E-12	9.92E-13	3.74E-13
19708.924	1.71E-13	3.51E-13	9.30E-12	1.86E-12	9.53E-13	4.09E-13
19713.922	1.76E-13	3.27E-13	9.18E-12	1.88E-12	9.46E-13	3.45E-13
19718.919	1.76E-13	3.51E-13	9.18E-12	1.91E-12	9.38E-13	3.68E-13
19723.926	2.00E-13	3.51E-13	9.05E-12	1.88E-12	9.53E-13	3.51E-13
19728.923	1.53E-13	3.27E-13	9.05E-12	1.84E-12	9.22E-13	3.62E-13
19733.921	1.59E-13	3.27E-13	9.05E-12	1.84E-12	8.99E-13	3.45E-13
19738.927	1.82E-13	3.04E-13	9.05E-12	1.86E-12	8.76E-13	3.62E-13
19743.924	1.65E-13	3.04E-13	8.93E-12	1.81E-12	8.68E-13	3.51E-13
19748.931	1.88E-13	3.33E-13	8.93E-12	1.84E-12	8.37E-13	3.33E-13
19753.928	1.41E-13	3.16E-13	8.93E-12	1.83E-12	9.07E-13	3.33E-13
19758.926	1.65E-13	2.98E-13	8.93E-12	1.83E-12	8.76E-13	3.68E-13
19763.932	1.59E-13	3.22E-13	8.80E-12	1.83E-12	8.91E-13	3.56E-13
19768.929	1.71E-13	3.04E-13	8.80E-12	1.83E-12	9.07E-13	3.33E-13
19773.927	1.65E-13	3.16E-13	8.80E-12	1.83E-12	9.07E-13	3.62E-13
19778.933	1.76E-13	3.33E-13	8.68E-12	1.81E-12	8.45E-13	3.22E-13
19783.931	1.88E-13	3.33E-13	8.68E-12	1.77E-12	8.52E-13	3.57E-13
19788.937	1.94E-13	3.22E-13	8.68E-12	1.81E-12	8.45E-13	3.33E-13
19793.934	1.76E-13	3.04E-13	8.68E-12	1.81E-12	8.22E-13	3.62E-13
19798.932	1.59E-13	2.98E-13	8.68E-12	1.80E-12	7.75E-13	3.62E-13
19803.938	1.59E-13	2.93E-13	8.56E-12	1.80E-12	7.59E-13	3.68E-13
19808.936	1.76E-13	2.81E-13	8.56E-12	1.81E-12	7.59E-13	3.45E-13
19813.933	1.88E-13	3.16E-13	8.56E-12	1.80E-12	7.59E-13	3.39E-13
19818.940	1.76E-13	2.98E-13	8.43E-12	1.77E-12	7.59E-13	3.33E-13
19823.937	1.82E-13	3.10E-13	8.56E-12	1.78E-12	7.67E-13	3.68E-13
19828.943	1.65E-13	3.27E-13	8.56E-12	1.81E-12	7.98E-13	3.33E-13
19833.941	1.65E-13	2.93E-13	8.43E-12	1.80E-12	7.83E-13	3.27E-13
19838.938	1.76E-13	3.04E-13	8.43E-12	1.78E-12	7.75E-13	3.68E-13
19843.945	2.00E-13	2.87E-13	8.31E-12	1.77E-12	8.06E-13	3.51E-13
19848.942	1.94E-13	3.10E-13	8.43E-12	1.78E-12	7.83E-13	3.74E-13
19853.948	1.88E-13	2.87E-13	8.43E-12	1.78E-12	7.75E-13	3.33E-13
19858.946	1.82E-13	2.75E-13	8.43E-12	1.78E-12	8.14E-13	3.56E-13
19863.943	1.76E-13	3.04E-13	8.31E-12	1.77E-12	7.59E-13	3.51E-13
19868.950	1.47E-13	2.75E-13	8.31E-12	1.77E-12	7.52E-13	3.22E-13
19873.947	1.88E-13	2.98E-13	8.31E-12	1.78E-12	7.75E-13	3.22E-13
19878.945	1.82E-13	3.22E-13	8.18E-12	1.78E-12	8.06E-13	3.62E-13
19883.951	1.65E-13	2.93E-13	8.18E-12	1.75E-12	7.98E-13	3.45E-13
19888.948	1.59E-13	3.10E-13	8.18E-12	1.77E-12	7.90E-13	3.33E-13
19893.955	1.82E-13	2.93E-13	8.18E-12	1.83E-12	7.75E-13	3.45E-13
19898.952	1.76E-13	3.10E-13	8.18E-12	1.80E-12	8.22E-13	3.39E-13
19903.950	1.53E-13	2.87E-13	8.06E-12	1.75E-12	7.59E-13	3.33E-13
19908.956	1.82E-13	2.98E-13	8.00E-12	1.77E-12	7.83E-13	3.39E-13
19913.953	1.71E-13	2.69E-13	8.00E-12	1.77E-12	7.83E-13	3.27E-13
19918.951	1.76E-13	3.04E-13	8.06E-12	1.78E-12	7.75E-13	3.45E-13
19923.957	1.76E-13	3.22E-13	8.06E-12	1.78E-12	7.75E-13	3.62E-13
19928.955	1.65E-13	3.10E-13	8.00E-12	1.77E-12	7.52E-13	3.45E-13
19933.961	1.82E-13	2.81E-13	7.81E-12	1.77E-12	7.36E-13	3.51E-13
19938.958	1.88E-13	2.87E-13	7.94E-12	1.75E-12	7.44E-13	3.27E-13
19943.956	1.82E-13	2.81E-13	7.81E-12	1.75E-12	7.59E-13	3.51E-13
19948.962	1.71E-13	2.93E-13	7.81E-12	1.77E-12	7.28E-13	3.45E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
19953.960	1.94E-13	2.98E-13	7.81E-12	1.77E-12	7.98E-13	3.51E-13
19958.966	1.76E-13	2.93E-13	7.81E-12	1.78E-12	7.59E-13	3.33E-13
19963.964	1.47E-13	2.87E-13	7.75E-12	1.74E-12	7.28E-13	3.56E-13
19968.961	1.82E-13	2.87E-13	7.81E-12	1.78E-12	7.52E-13	3.33E-13
19973.967	1.65E-13	3.10E-13	7.81E-12	1.78E-12	7.28E-13	3.51E-13
19978.965	1.76E-13	2.75E-13	7.75E-12	1.77E-12	7.05E-13	3.04E-13
19983.962	1.71E-13	2.75E-13	7.75E-12	1.77E-12	7.28E-13	3.51E-13
19988.968	1.82E-13	2.93E-13	7.69E-12	1.75E-12	6.98E-13	3.22E-13
19993.966	1.71E-13	2.81E-13	7.75E-12	1.83E-12	7.36E-13	3.16E-13
19998.964	1.65E-13	2.81E-13	7.69E-12	1.77E-12	7.28E-13	3.10E-13
20003.970	1.82E-13	2.87E-13	7.75E-12	1.77E-12	7.52E-13	3.56E-13
20008.967	1.94E-13	2.87E-13	7.75E-12	1.77E-12	7.52E-13	3.45E-13
20013.974	1.71E-13	2.81E-13	7.69E-12	1.74E-12	7.36E-13	3.04E-13
20018.971	2.00E-13	3.10E-13	7.69E-12	1.72E-12	7.59E-13	3.27E-13
20023.969	1.88E-13	3.16E-13	7.63E-12	1.75E-12	7.36E-13	3.51E-13
20028.975	1.65E-13	2.69E-13	7.56E-12	1.77E-12	7.13E-13	3.51E-13
20033.972	1.59E-13	2.81E-13	7.63E-12	1.80E-12	6.98E-13	3.27E-13
20038.979	1.82E-13	2.75E-13	7.69E-12	1.75E-12	7.36E-13	3.39E-13
20043.976	1.71E-13	2.93E-13	7.56E-12	1.75E-12	6.98E-13	3.51E-13
20048.974	2.00E-13	2.81E-13	7.63E-12	1.78E-12	7.21E-13	3.45E-13
20053.980	1.71E-13	3.10E-13	7.56E-12	1.80E-12	7.28E-13	3.45E-13
20058.977	2.00E-13	2.93E-13	7.56E-12	1.74E-12	7.44E-13	3.51E-13
20063.984	1.71E-13	2.81E-13	7.50E-12	1.77E-12	6.98E-13	3.22E-13
20068.981	1.88E-13	2.98E-13	7.63E-12	1.75E-12	6.82E-13	3.45E-13
20073.979	1.76E-13	2.87E-13	7.56E-12	1.74E-12	7.28E-13	3.27E-13
20078.985	1.65E-13	2.93E-13	7.56E-12	1.75E-12	7.28E-13	3.22E-13
20083.983	1.65E-13	2.87E-13	7.50E-12	1.78E-12	7.05E-13	3.39E-13
20088.980	1.88E-13	2.93E-13	7.50E-12	1.80E-12	6.90E-13	3.27E-13
20093.986	1.65E-13	2.87E-13	7.44E-12	1.75E-12	7.36E-13	3.45E-13
20098.984	1.53E-13	2.81E-13	7.44E-12	1.75E-12	7.05E-13	3.10E-13
20103.990	1.82E-13	2.93E-13	7.44E-12	1.74E-12	6.82E-13	3.22E-13
20108.988	1.59E-13	2.64E-13	7.38E-12	1.67E-12	6.74E-13	3.22E-13
20113.985	1.76E-13	2.69E-13	7.44E-12	1.72E-12	7.44E-13	3.27E-13
20118.991	1.88E-13	2.93E-13	7.44E-12	1.72E-12	6.90E-13	3.39E-13
20123.989	1.88E-13	2.98E-13	7.38E-12	1.77E-12	7.52E-13	3.45E-13
20128.986	1.82E-13	2.81E-13	7.38E-12	1.75E-12	7.21E-13	3.33E-13
20133.993	1.76E-13	2.87E-13	7.44E-12	1.72E-12	6.90E-13	3.45E-13
20138.990	1.76E-13	2.58E-13	7.32E-12	1.77E-12	6.98E-13	3.22E-13
20143.996	1.71E-13	2.81E-13	7.32E-12	1.74E-12	7.28E-13	3.22E-13
20148.994	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14	1.00E-14
20153.991	1.59E-13	2.81E-13	7.32E-12	1.72E-12	6.74E-13	3.51E-13
20158.998	1.65E-13	2.87E-13	7.32E-12	1.74E-12	6.66E-13	3.22E-13
20163.995	1.76E-13	3.10E-13	7.32E-12	1.75E-12	7.21E-13	3.56E-13
20168.993	1.82E-13	2.98E-13	7.25E-12	1.75E-12	6.82E-13	3.39E-13
20173.999	1.59E-13	2.69E-13	7.32E-12	1.72E-12	6.74E-13	3.10E-13
20178.996	1.59E-13	2.87E-13	7.25E-12	1.75E-12	6.98E-13	3.45E-13
20184.003	1.59E-13	2.64E-13	7.19E-12	1.71E-12	7.13E-13	3.16E-13
20189.000	1.88E-13	2.81E-13	7.25E-12	1.75E-12	7.13E-13	3.27E-13
20193.998	1.88E-13	2.87E-13	7.25E-12	1.75E-12	7.21E-13	3.27E-13
20199.004	1.65E-13	2.46E-13	7.19E-12	1.69E-12	7.21E-13	3.16E-13
20204.002	1.82E-13	2.87E-13	7.13E-12	1.72E-12	7.13E-13	3.22E-13
20209.008	1.76E-13	2.75E-13	7.19E-12	1.74E-12	6.59E-13	3.51E-13
20214.005	2.05E-13	2.87E-13	7.25E-12	1.78E-12	7.21E-13	3.39E-13
20219.003	1.65E-13	2.75E-13	7.19E-12	1.71E-12	6.66E-13	3.27E-13
20224.009	1.65E-13	2.93E-13	7.13E-12	1.72E-12	6.90E-13	3.27E-13

DATA FROM PK35ENT

TIME	22	20	18	16	14	12
20229.007	1.71E-13	2.64E-13	7.19E-12	1.69E-12	7.21E-13	2.98E-13
20234.004	1.71E-13	2.69E-13	7.19E-12	1.74E-12	6.82E-13	3.33E-13
20239.010	2.00E-13	2.81E-13	7.13E-12	1.69E-12	6.74E-13	3.39E-13
20244.008	1.94E-13	2.93E-13	7.19E-12	1.74E-12	6.74E-13	3.33E-13
20249.014	1.65E-13	2.52E-13	7.19E-12	1.71E-12	6.36E-13	3.39E-13
20254.012	1.71E-13	2.75E-13	7.13E-12	1.71E-12	6.66E-13	3.33E-13
20259.009	1.53E-13	2.98E-13	7.13E-12	1.69E-12	7.05E-13	3.16E-13
20264.016	1.94E-13	3.10E-13	7.07E-12	1.74E-12	7.28E-13	3.27E-13
20269.013	1.82E-13	2.81E-13	7.07E-12	1.71E-12	6.82E-13	3.45E-13
20274.010	1.82E-13	2.81E-13	7.13E-12	1.72E-12	6.74E-13	3.39E-13
20279.017	1.88E-13	2.93E-13	7.07E-12	1.72E-12	6.82E-13	3.27E-13
20284.014	1.76E-13	2.69E-13	7.01E-12	1.71E-12	6.82E-13	3.51E-13
20289.021	1.71E-13	2.64E-13	7.01E-12	1.67E-12	6.82E-13	3.45E-13
20294.018	1.76E-13	2.58E-13	7.01E-12	1.67E-12	6.98E-13	3.27E-13
20299.016	1.71E-13	2.69E-13	7.07E-12	1.69E-12	7.05E-13	3.51E-13
20304.022	2.00E-13	2.75E-13	7.01E-12	1.71E-12	6.67E-13	3.45E-13
20309.019	1.82E-13	2.58E-13	7.01E-12	1.66E-12	6.51E-13	3.33E-13
20314.026	1.59E-13	2.64E-13	7.07E-12	1.71E-12	6.51E-13	3.10E-13
20319.023	1.65E-13	2.40E-13	7.01E-12	1.71E-12	6.82E-13	3.16E-13
20324.021	2.05E-13	2.98E-13	7.01E-12	1.72E-12	6.51E-13	3.33E-13
20329.027	1.82E-13	2.69E-13	7.01E-12	1.72E-12	6.90E-13	3.16E-13
20334.024	1.59E-13	2.52E-13	7.01E-12	5.94E-12	1.33E-12	3.22E-13
20339.022	1.76E-13	2.75E-13	7.01E-12	1.69E-12	6.74E-13	3.27E-13
20344.028	1.65E-13	2.98E-13	6.88E-12	1.67E-12	6.59E-13	3.33E-13
20349.026	1.65E-13	2.34E-13	7.01E-12	1.71E-12	6.59E-13	3.22E-13
20354.023	2.00E-13	2.75E-13	6.94E-12	1.71E-12	6.67E-13	3.22E-13
20364.027	1.71E-13	2.75E-13	6.88E-12	1.69E-12	6.82E-13	3.22E-13
20369.033	1.41E-13	2.75E-13	6.88E-12	1.67E-12	6.20E-13	3.10E-13
20374.031	1.65E-13	2.58E-13	6.88E-12	1.74E-12	6.67E-13	3.27E-13
20379.028	1.65E-13	2.87E-13	6.94E-12	1.74E-12	6.98E-13	3.51E-13
20384.035	1.71E-13	2.87E-13	6.94E-12	1.71E-12	6.74E-13	3.22E-13
20389.032	1.76E-13	2.87E-13	7.01E-12	1.74E-12	6.66E-13	3.04E-13
20394.038	1.47E-13	2.58E-13	6.94E-12	1.75E-12	6.90E-13	3.04E-13
20399.036	1.76E-13	2.75E-13	6.94E-12	1.72E-12	6.51E-13	3.27E-13
20404.033	1.94E-13	2.69E-13	6.94E-12	1.71E-12	6.28E-13	3.22E-13
20409.040	1.76E-13	2.64E-13	6.94E-12	1.72E-12	6.67E-13	3.57E-13
20414.037	1.88E-13	2.93E-13	6.94E-12	1.74E-12	6.98E-13	3.39E-13
20419.044	1.47E-13	2.64E-13	6.94E-12	1.72E-12	6.43E-13	2.98E-13
20424.041	1.53E-13	2.75E-13	6.94E-12	1.69E-12	6.74E-13	3.33E-13
20429.038	1.88E-13	2.46E-13	6.88E-12	1.72E-12	6.35E-13	3.22E-13
20434.045	1.59E-13	2.81E-13	6.94E-12	1.72E-12	6.51E-13	3.16E-13
20439.042	1.71E-13	2.64E-13	6.94E-12	1.72E-12	6.51E-13	3.27E-13
20444.040	1.88E-13	2.34E-13	6.88E-12	1.71E-12	6.74E-13	3.27E-13
20449.046	1.82E-13	2.98E-13	6.94E-12	1.72E-12	6.90E-13	3.33E-13
20454.044	1.59E-13	2.75E-13	6.94E-12	1.71E-12	6.51E-13	3.10E-13
20459.050	1.65E-13	2.58E-13	6.94E-12	1.72E-12	6.90E-13	3.33E-13
20464.047	1.76E-13	2.93E-13	6.88E-12	1.71E-12	6.90E-13	3.22E-13
20469.045	1.76E-13	2.93E-13	6.94E-12	1.71E-12	6.74E-13	3.27E-13
20474.051	1.65E-13	2.64E-13	6.88E-12	1.72E-12	7.13E-13	3.27E-13
20479.049	1.76E-13	2.75E-13	6.82E-12	1.74E-12	6.51E-13	3.04E-13
20484.046	1.59E-13	2.52E-13	6.82E-12	1.66E-12	6.59E-13	3.10E-13
20489.052	2.00E-13	2.81E-13	6.88E-12	1.71E-12	6.74E-13	3.10E-13
20494.050	1.47E-13	2.64E-13	6.82E-12	1.72E-12	6.67E-13	2.93E-13
20499.056	1.59E-13	2.75E-13	6.82E-12	1.74E-12	6.59E-13	3.22E-13
20504.054	1.65E-13	2.58E-13	6.82E-12	1.71E-12	6.35E-13	3.16E-13

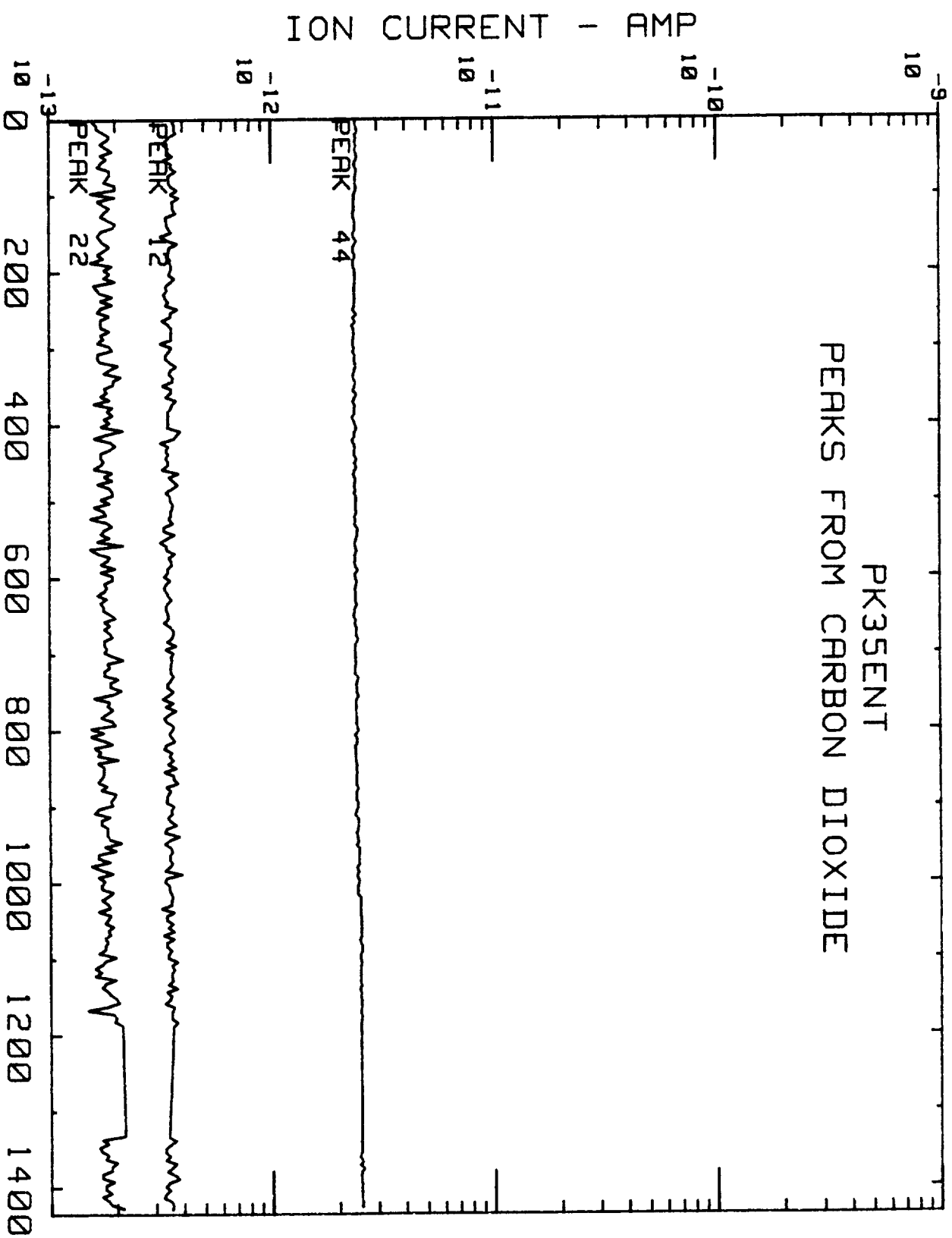
DATA FROM PK35ENT

TIME	22	20	18	16	14	12
20509.051	1.88E-13	2.69E-13	6.88E-12	1.69E-12	6.74E-13	3.16E-13
20514.058	1.71E-13	2.46E-13	6.88E-12	1.72E-12	6.67E-13	3.16E-13
20519.055	1.71E-13	3.04E-13	6.82E-12	1.71E-12	6.43E-13	3.16E-13
20524.053	1.82E-13	2.58E-13	6.76E-12	1.72E-12	6.51E-13	3.16E-13
20529.059	1.59E-13	2.98E-13	6.82E-12	1.74E-12	6.20E-13	3.04E-13
20534.056	1.76E-13	2.75E-13	6.76E-12	1.66E-12	6.59E-13	3.33E-13
20539.063	1.82E-13	2.87E-13	6.82E-12	1.71E-12	6.82E-13	3.16E-13
20544.060	1.76E-13	2.64E-13	6.82E-12	1.69E-12	6.51E-13	3.10E-13
20549.058	1.36E-13	2.52E-13	6.76E-12	1.71E-12	6.67E-13	3.16E-13
20554.064	1.59E-13	2.52E-13	6.82E-12	1.69E-12	6.28E-13	3.04E-13
20559.061	1.76E-13	2.69E-13	6.82E-12	1.72E-12	7.13E-13	3.22E-13
20564.068	1.53E-13	2.75E-13	6.82E-12	1.69E-12	6.51E-13	3.10E-13
20569.065	1.76E-13	2.75E-13	6.76E-12	1.66E-12	6.98E-13	3.33E-13
20574.063	1.76E-13	2.93E-13	6.76E-12	1.69E-12	6.74E-13	3.27E-13
20579.069	1.82E-13	2.75E-13	6.82E-12	1.75E-12	6.90E-13	3.45E-13
20584.067	1.76E-13	2.58E-13	6.76E-12	1.66E-12	6.43E-13	3.27E-13
20589.064	2.00E-13	2.87E-13	6.76E-12	1.69E-12	6.66E-13	3.33E-13
20594.070	1.94E-13	2.81E-13	6.82E-12	1.72E-12	6.98E-13	3.33E-13
20599.068	1.71E-13	2.52E-13	6.70E-12	1.72E-12	6.35E-13	3.22E-13
20604.074	1.71E-13	2.75E-13	6.70E-12	1.71E-12	6.82E-13	3.22E-13
20609.072	1.82E-13	2.52E-13	6.70E-12	1.71E-12	6.35E-13	2.93E-13
20614.069	1.65E-13	2.69E-13	6.70E-12	1.71E-12	6.43E-13	3.04E-13
20619.075	2.11E-13	2.75E-13	6.63E-12	1.72E-12	6.28E-13	3.33E-13
20624.073	1.76E-13	2.75E-13	6.63E-12	1.64E-12	6.67E-13	3.16E-13
20629.070	1.47E-13	2.52E-13	6.57E-12	1.67E-12	6.20E-13	2.98E-13
20634.077	1.59E-13	2.81E-13	6.57E-12	1.67E-12	6.74E-13	3.10E-13
20639.074	1.65E-13	2.87E-13	6.57E-12	1.67E-12	6.43E-13	3.27E-13
20644.081	1.82E-13	2.98E-13	6.63E-12	1.71E-12	6.98E-13	3.39E-13
20649.078	1.88E-13	2.75E-13	6.63E-12	1.71E-12	6.05E-13	3.04E-13
20654.076	1.94E-13	2.87E-13	6.63E-12	1.71E-12	6.59E-13	3.04E-13
20659.082	1.76E-13	2.81E-13	6.57E-12	1.72E-12	6.67E-13	3.16E-13
20664.079	1.65E-13	2.52E-13	6.57E-12	1.71E-12	6.59E-13	3.45E-13
20669.086	1.53E-13	2.34E-13	6.63E-12	1.66E-12	6.20E-13	2.93E-13
20674.083	1.88E-13	2.75E-13	6.57E-12	1.71E-12	6.59E-13	3.04E-13
20679.081	1.88E-13	2.69E-13	6.63E-12	1.69E-12	6.59E-13	3.45E-13
20684.087	1.59E-13	2.40E-13	6.51E-12	1.67E-12	6.51E-13	3.39E-13
20689.084	1.82E-13	2.81E-13	6.57E-12	1.69E-12	6.28E-13	3.16E-13
20694.082	2.00E-13	2.75E-13	6.57E-12	1.71E-12	6.74E-13	3.04E-13
20699.088	1.71E-13	2.75E-13	6.57E-12	1.67E-12	6.28E-13	3.10E-13
20704.086	1.71E-13	2.58E-13	6.51E-12	1.69E-12	6.35E-13	3.04E-13
20709.083	1.47E-13	2.64E-13	6.51E-12	1.71E-12	6.51E-13	3.22E-13
20714.090	1.82E-13	2.58E-13	6.51E-12	1.67E-12	6.12E-13	3.16E-13
20719.087	1.88E-13	2.46E-13	6.51E-12	1.66E-12	6.51E-13	3.16E-13
20724.093	1.82E-13	2.87E-13	6.51E-12	1.69E-12	6.67E-13	3.27E-13
20729.091	1.71E-13	2.75E-13	6.51E-12	1.69E-12	6.43E-13	2.98E-13
20734.088	1.65E-13	2.52E-13	6.51E-12	1.72E-12	5.97E-13	3.04E-13
20739.095	1.59E-13	2.69E-13	6.51E-12	1.67E-12	6.82E-13	3.10E-13

2.0 Entry Data

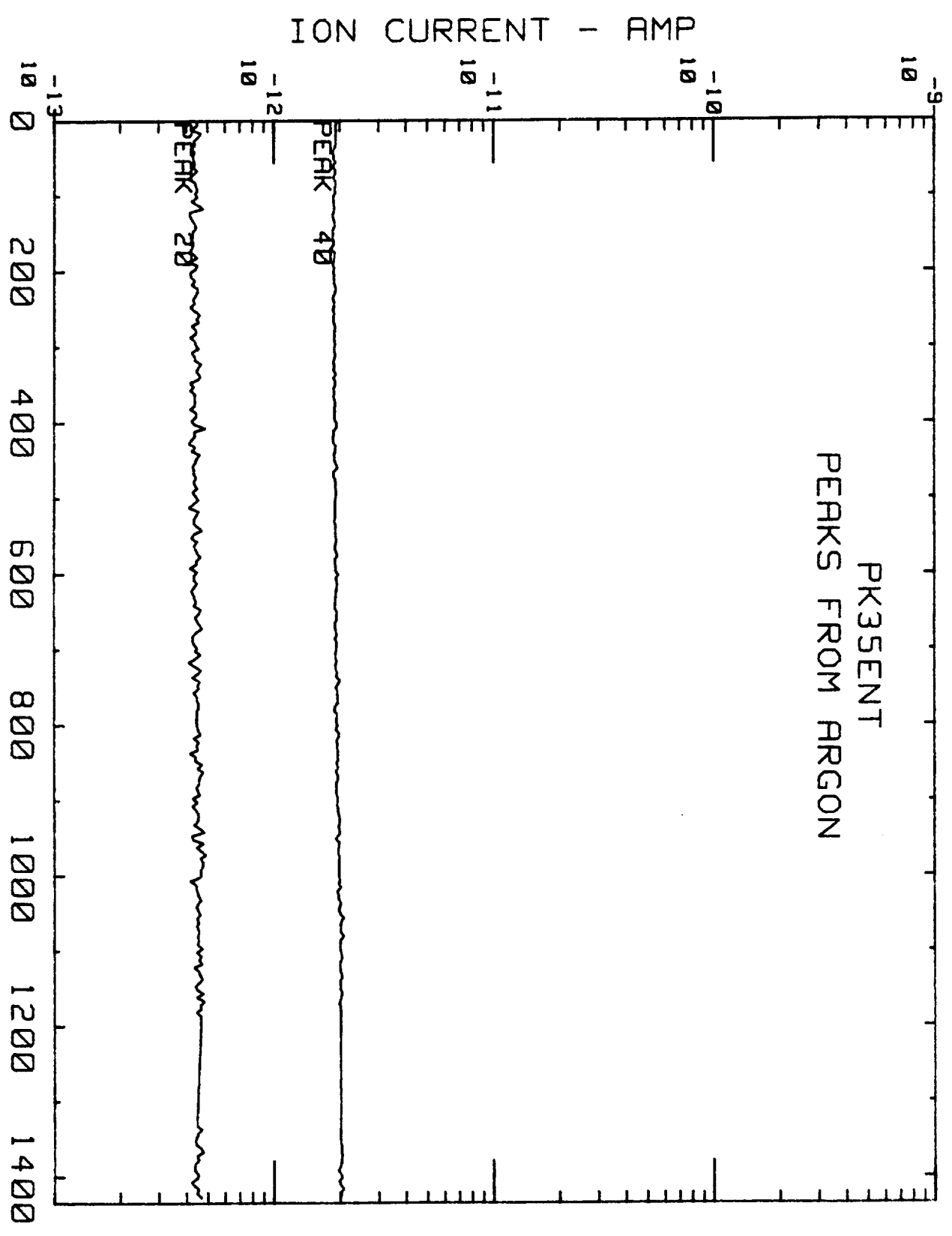
2.3 Plots of Peaks, Entry

PK35SENT
PEAKS FROM CARBON DIOXIDE



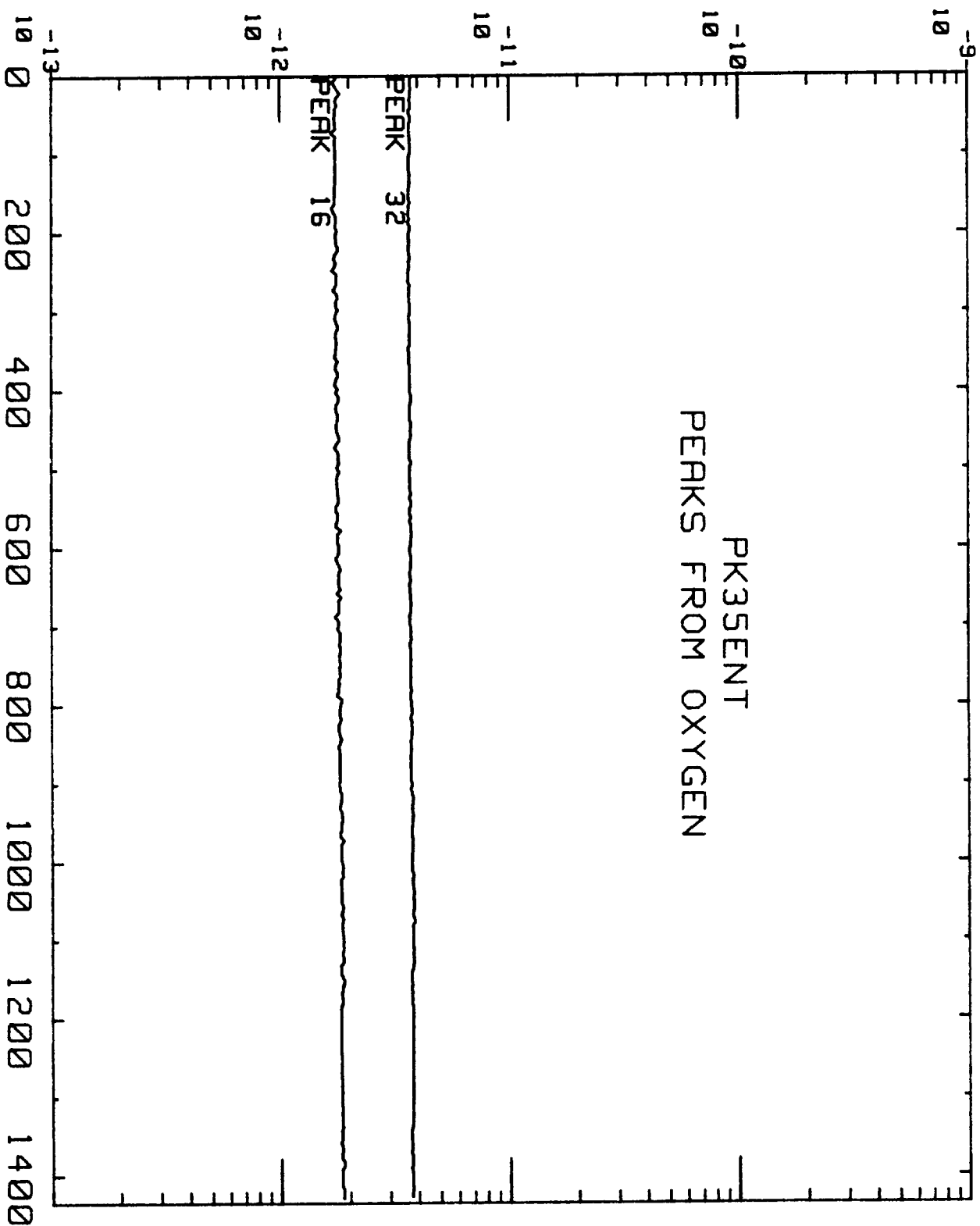
REFERENCE TIME IN SEC 16743.434

PK35SENT
PEAKS FROM ARGON



ION CURRENT - AMP

PK35SENT
PEAKS FROM OXYGEN



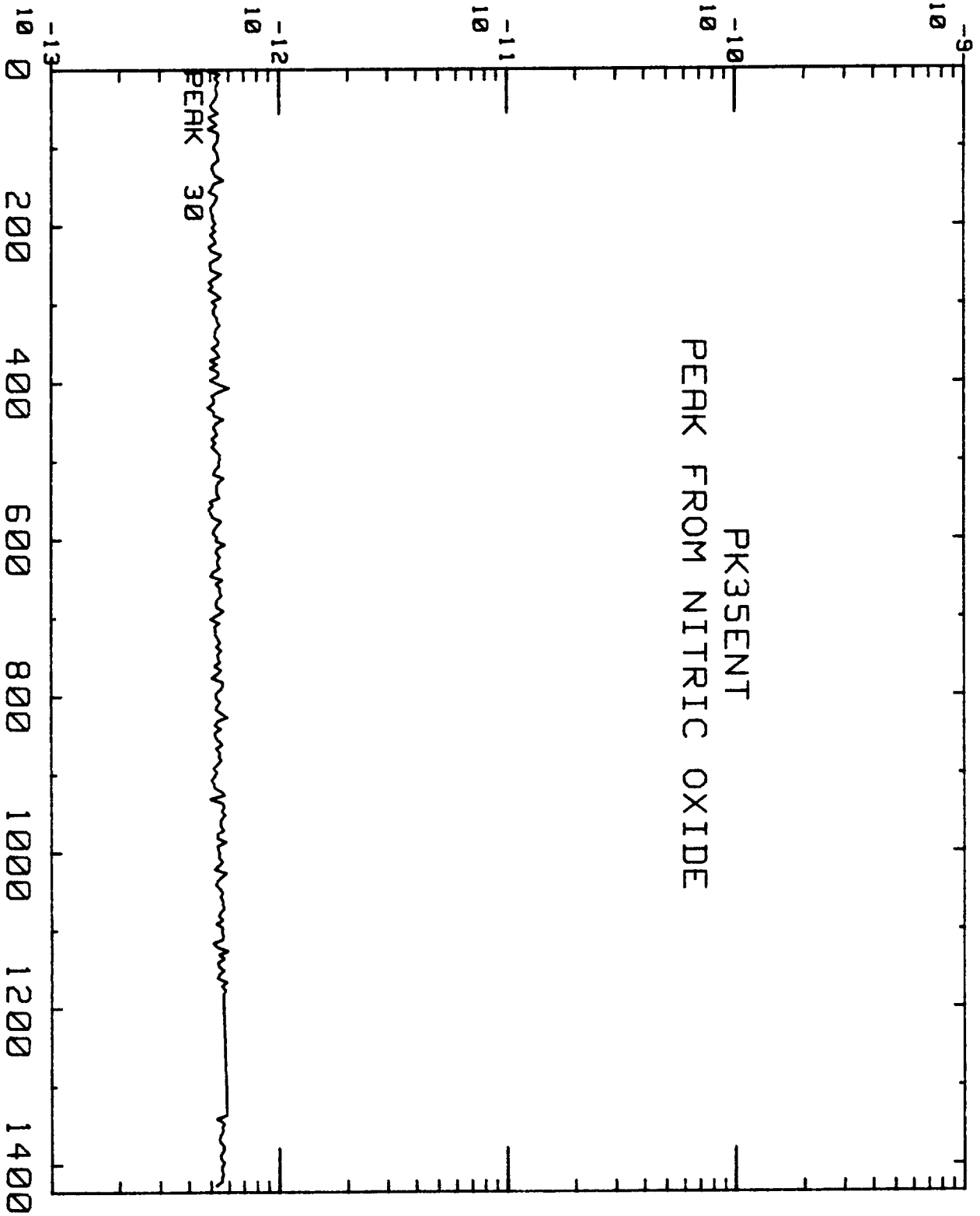
REFERENCE TIME IN SEC 16743.434

ION CURRENT - AMP

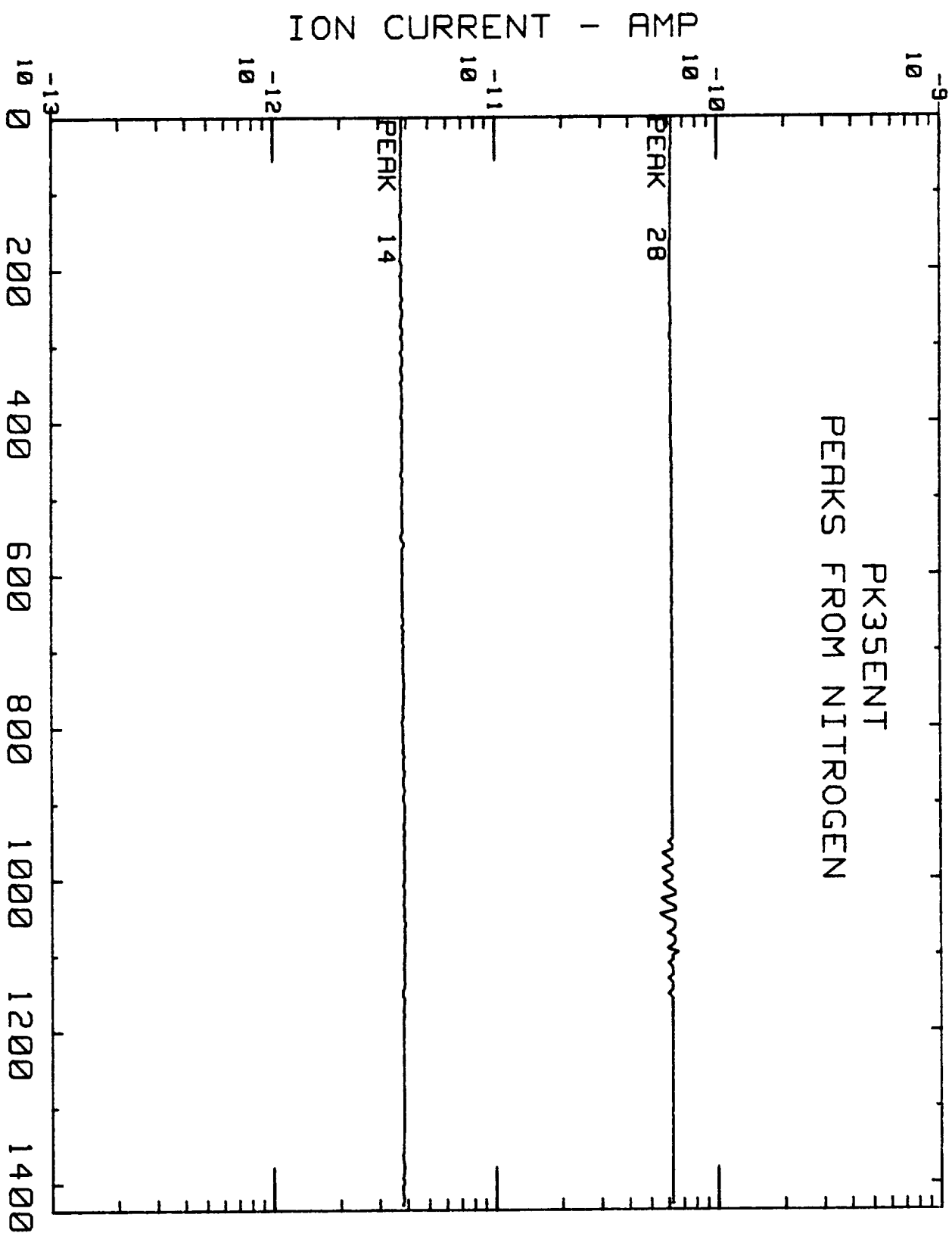
PK35ENT
PEAK FROM NITRIC OXIDE

PEAK 30

REFERENCE TIME IN SEC 16743.434

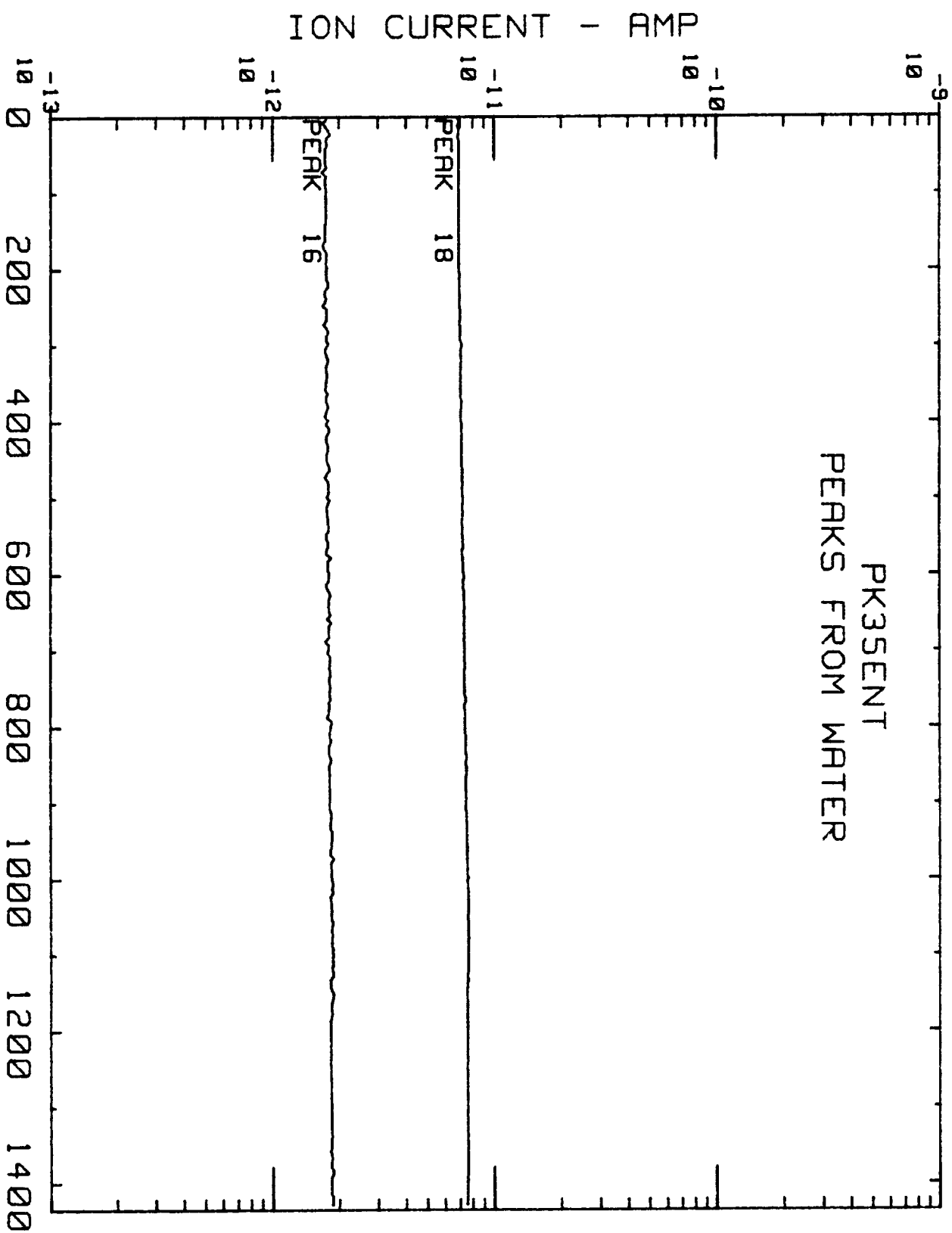


PK35SENT
PEAKS FROM NITROGEN



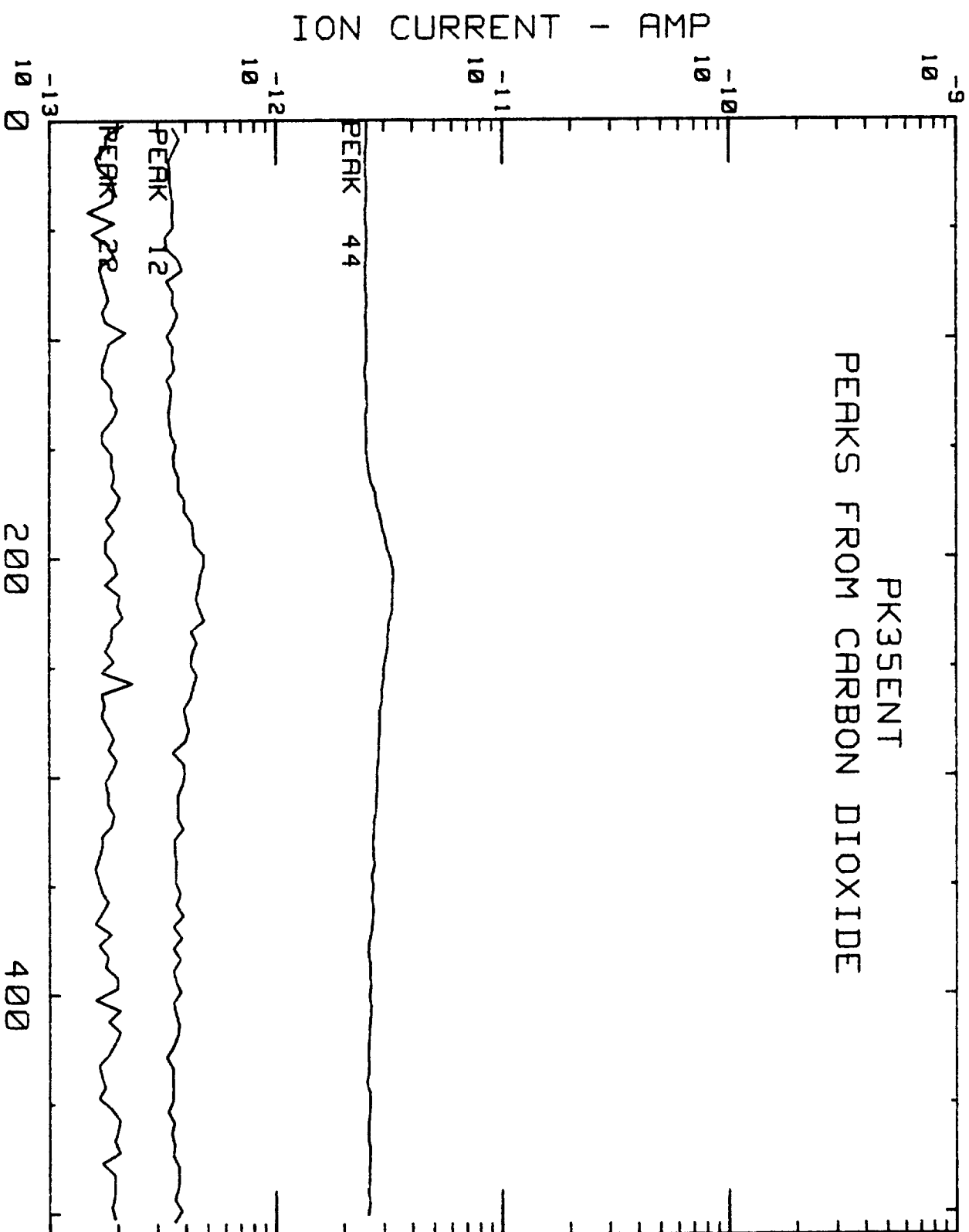
REFERENCE TIME IN SEC 16743.434

PK35SENT
PEAKS FROM WATER



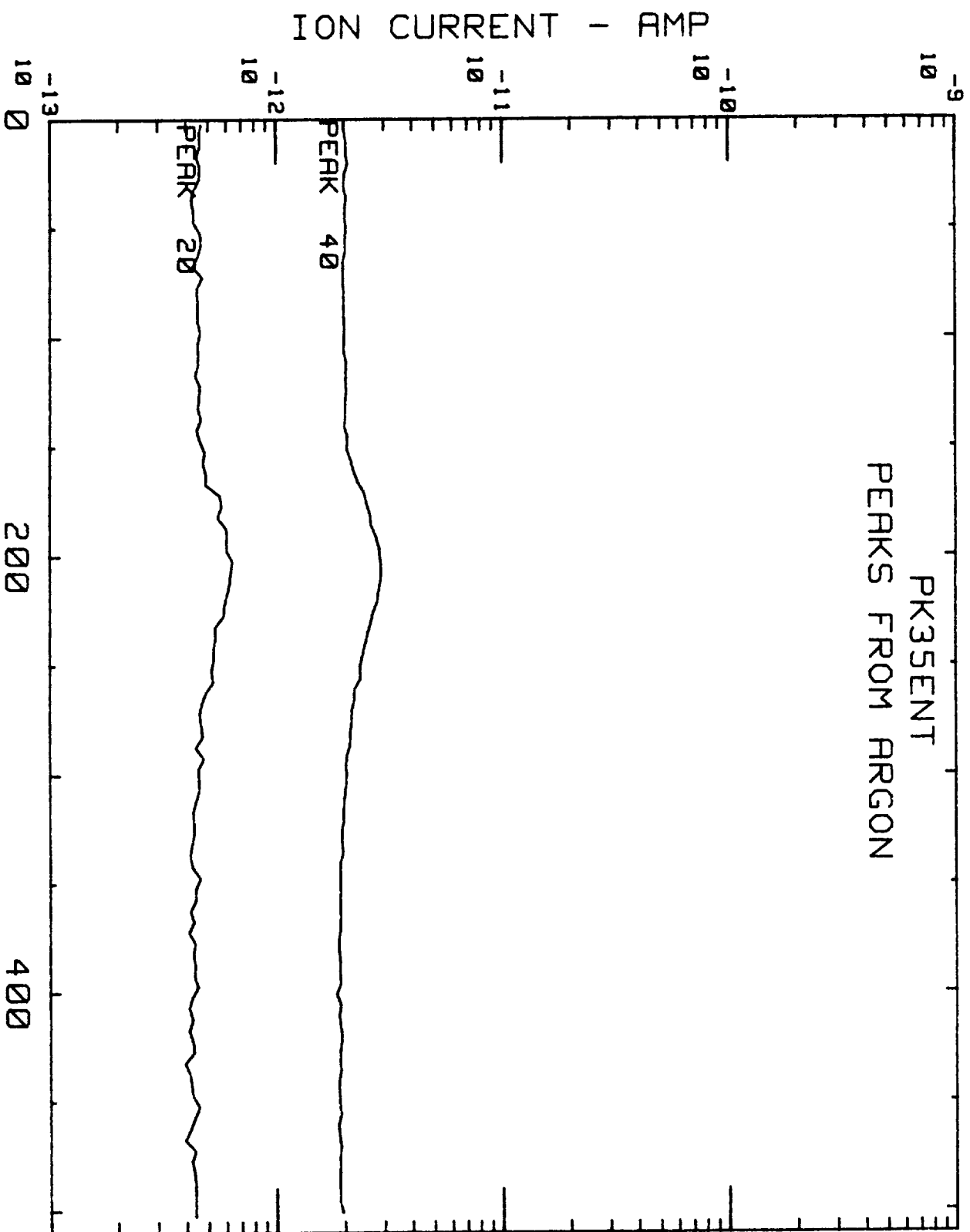
REFERENCE TIME IN SEC 16743.434

PK35SENT
PEAKS FROM CARBON DIOXIDE



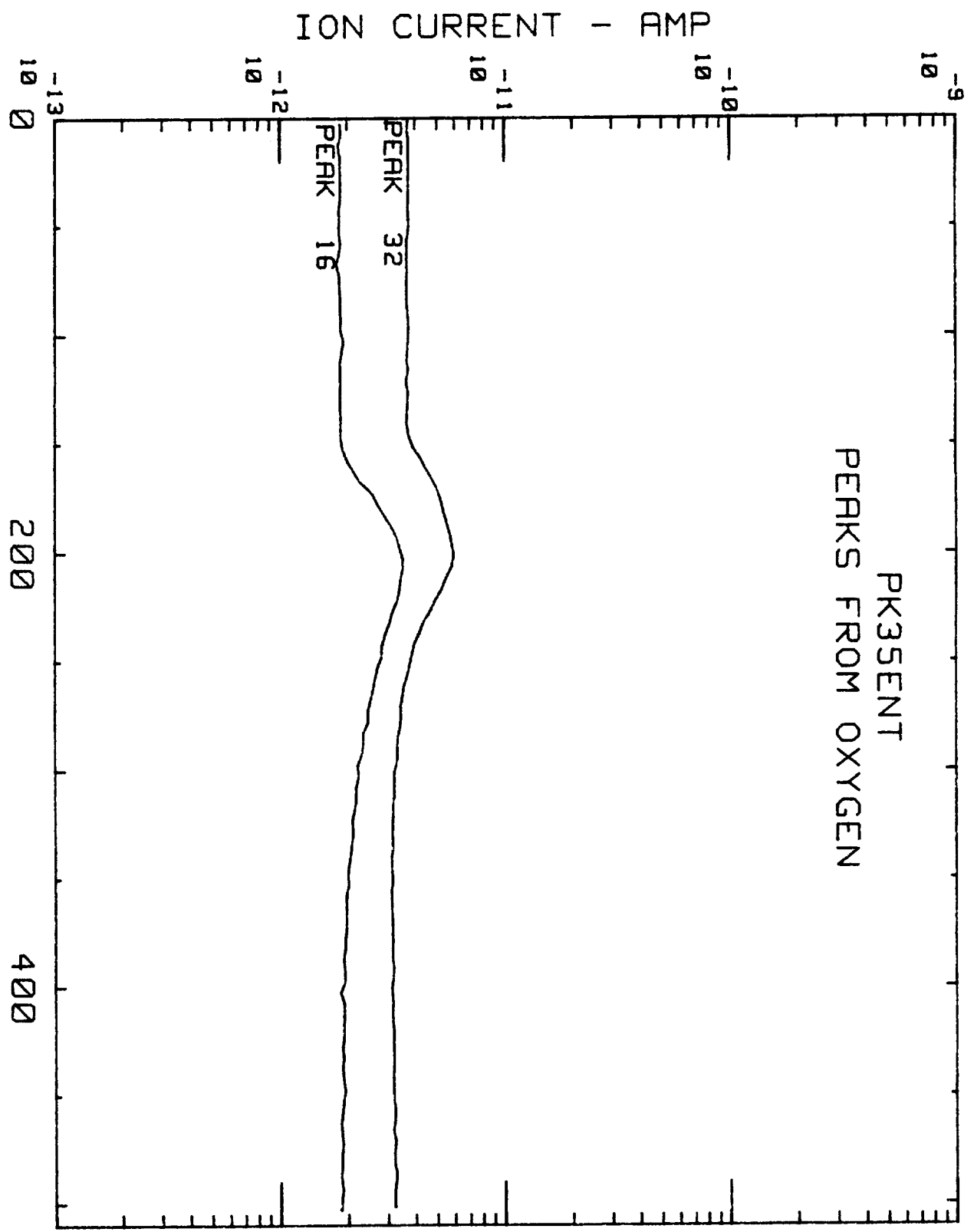
REFERENCE TIME IN SEC 18168.662

PK35SENT
PEAKS FROM ARGON

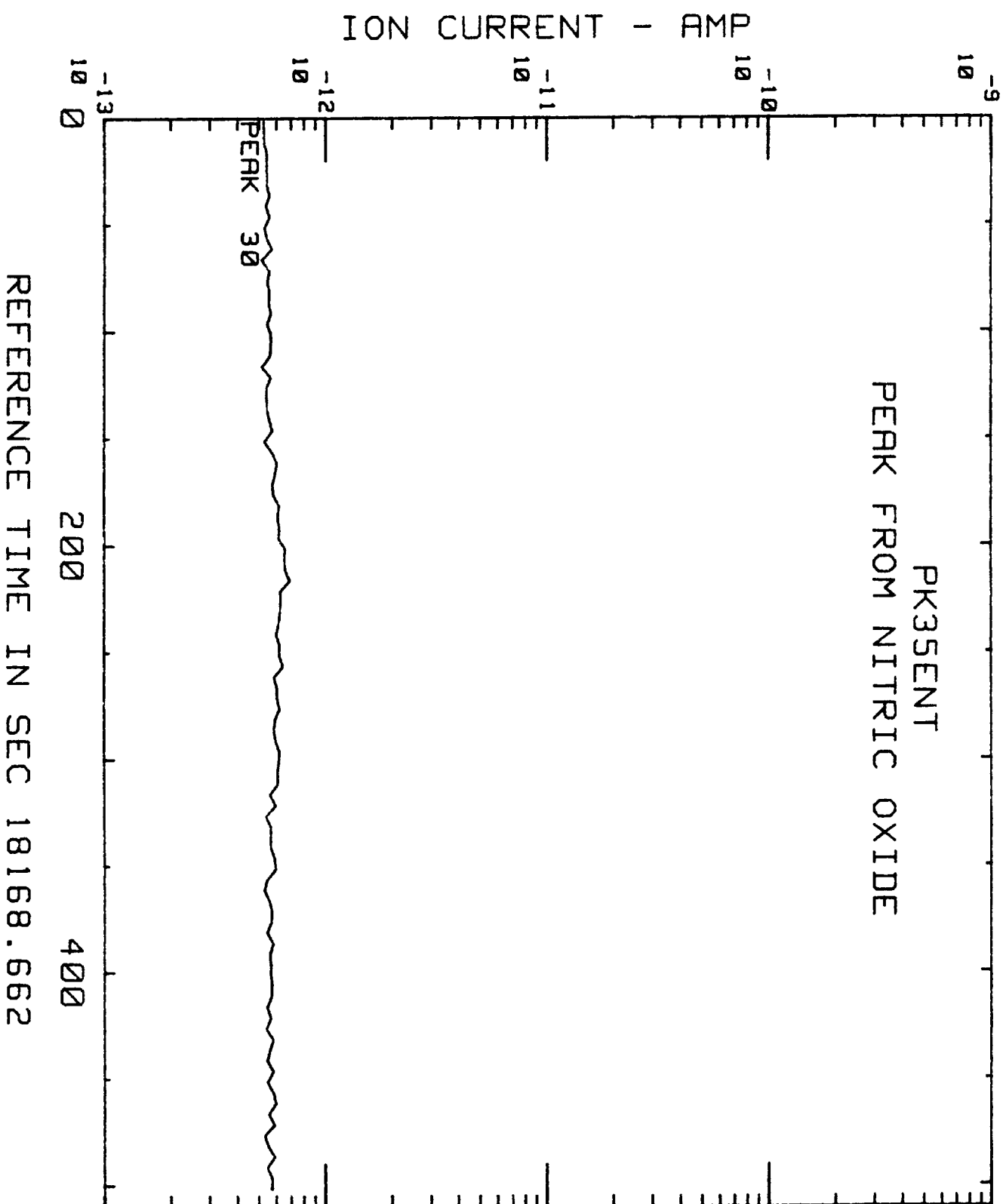


REFERENCE TIME IN SEC 18168.662

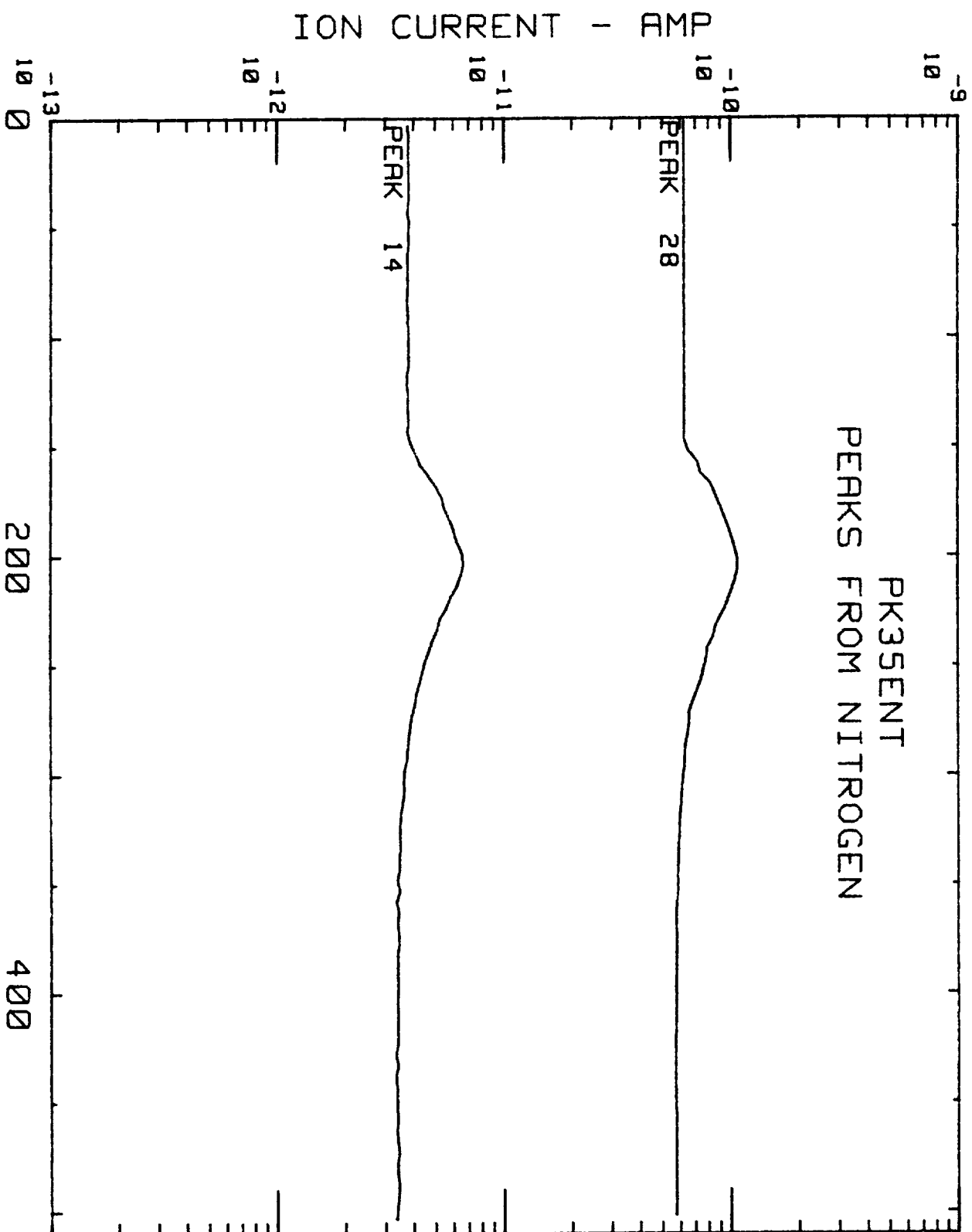
PK35SENT
PEAKS FROM OXYGEN

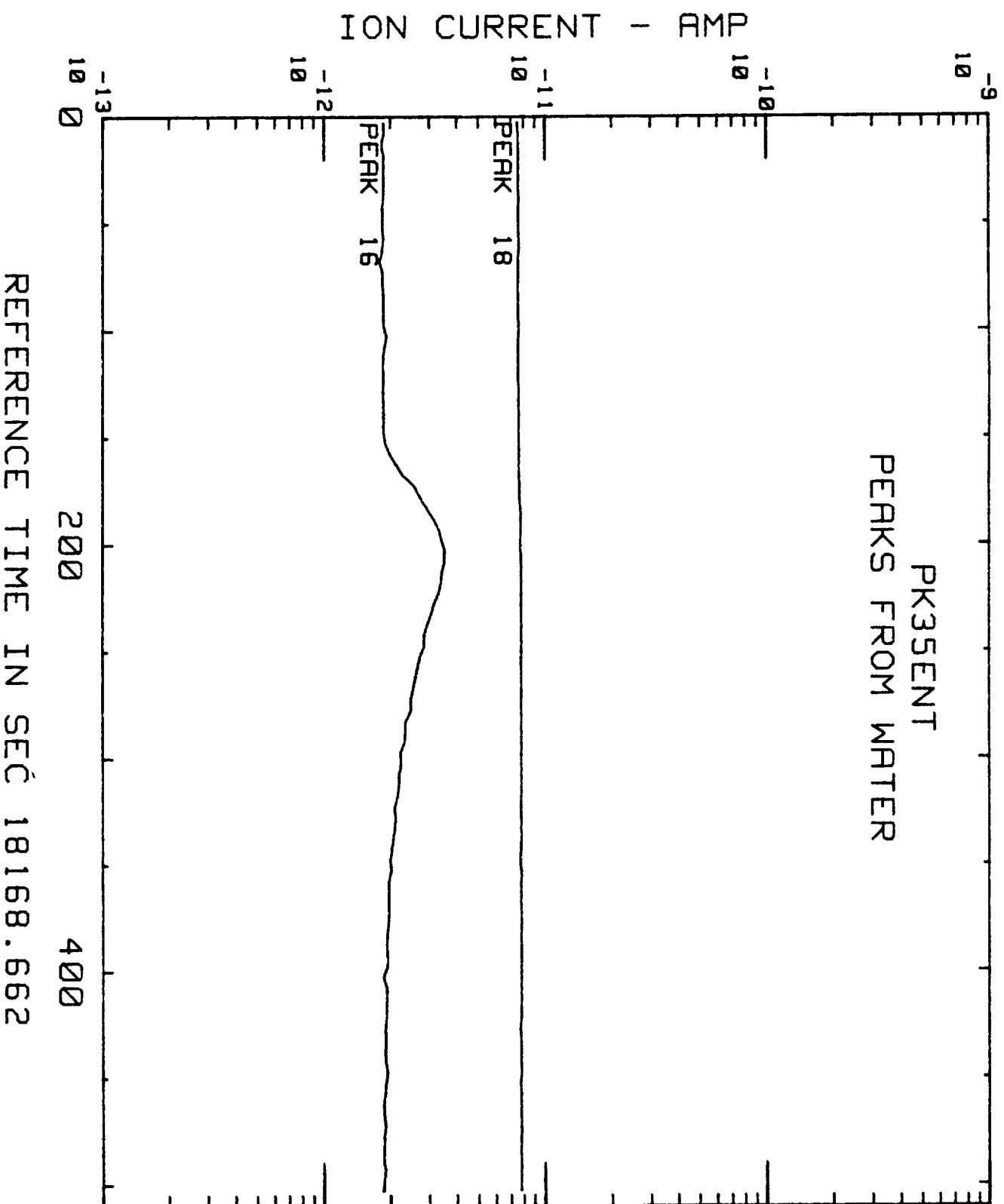


REFERENCE TIME IN SEC 18168.662

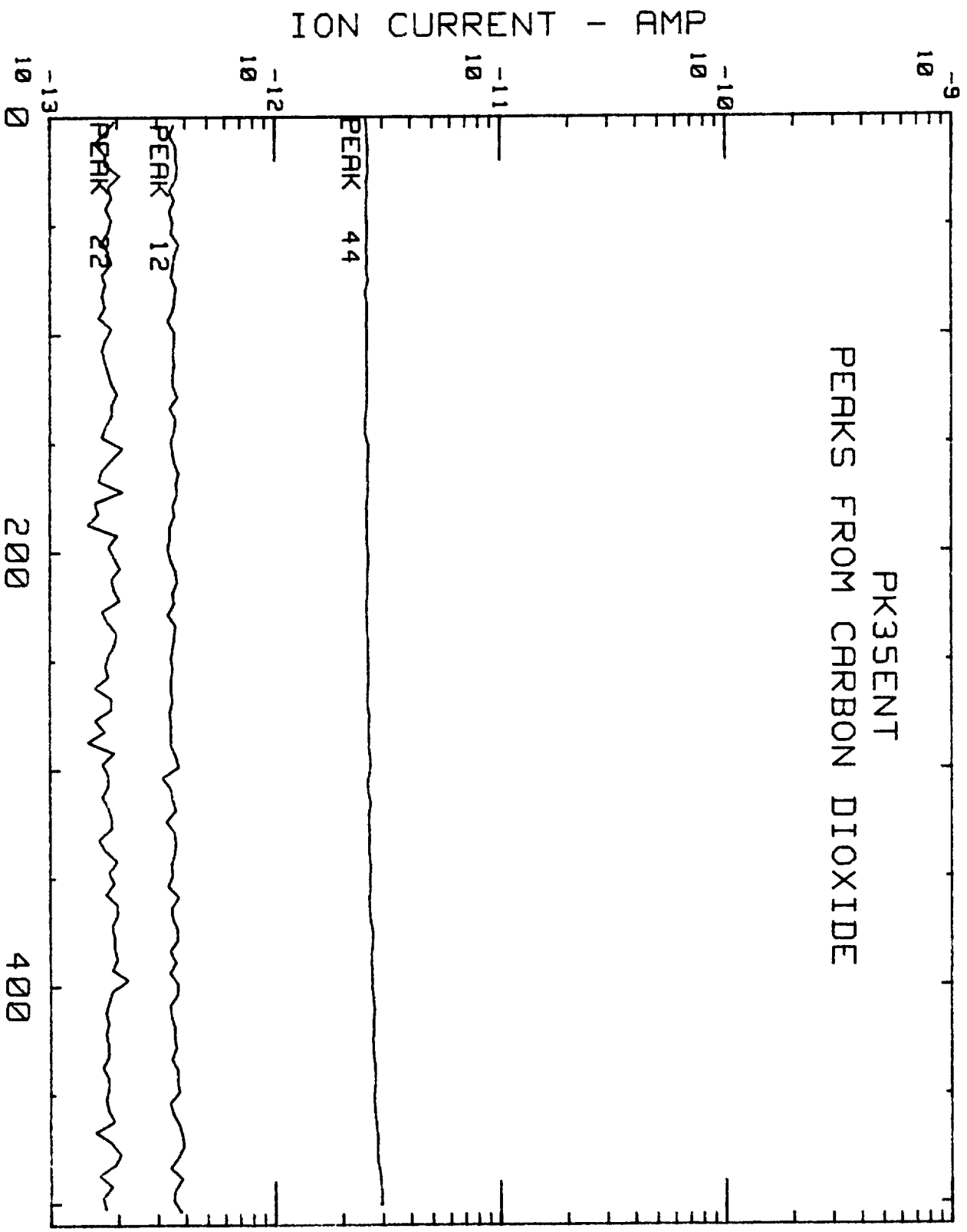


PK35SENT
PEAKS FROM NITROGEN

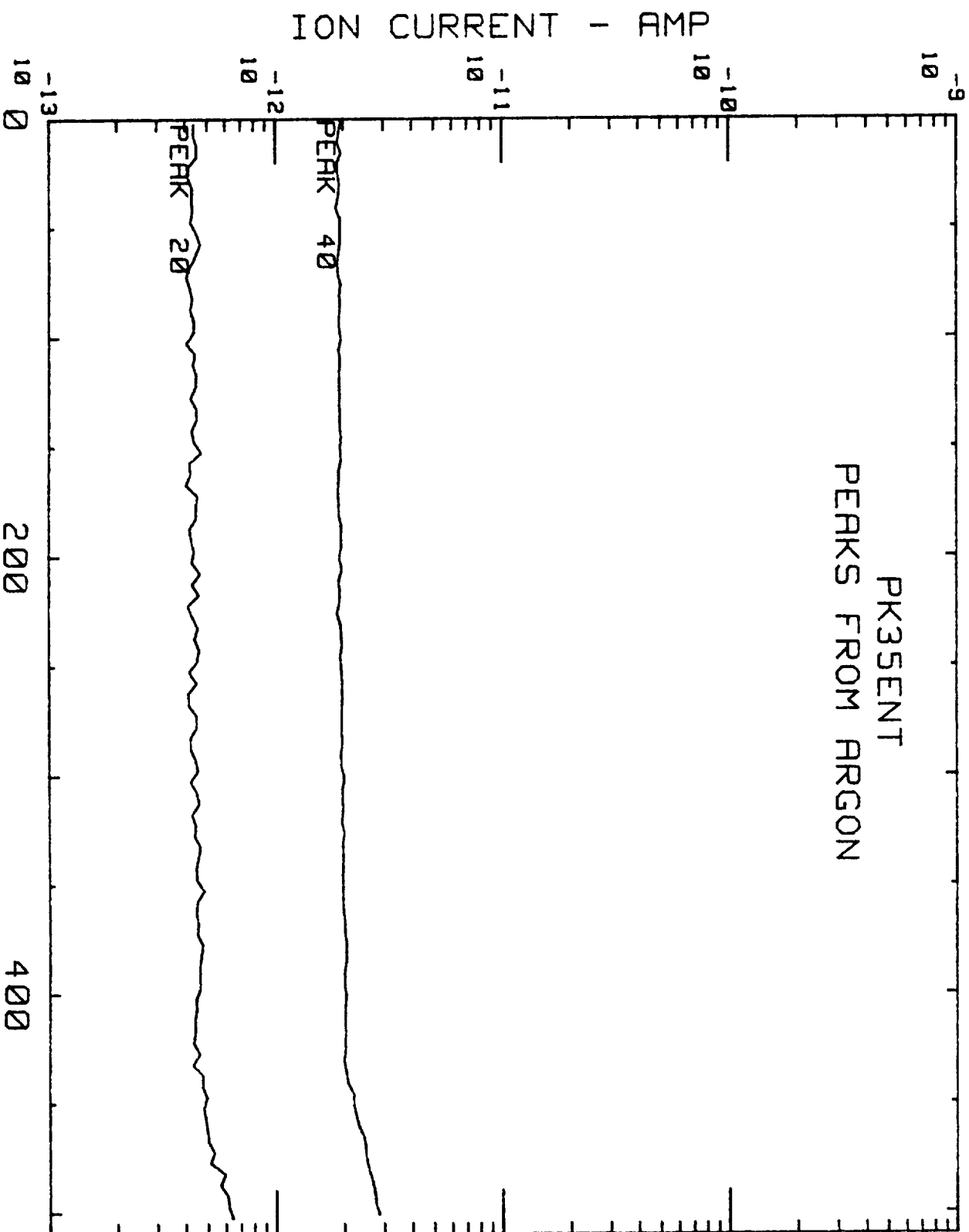




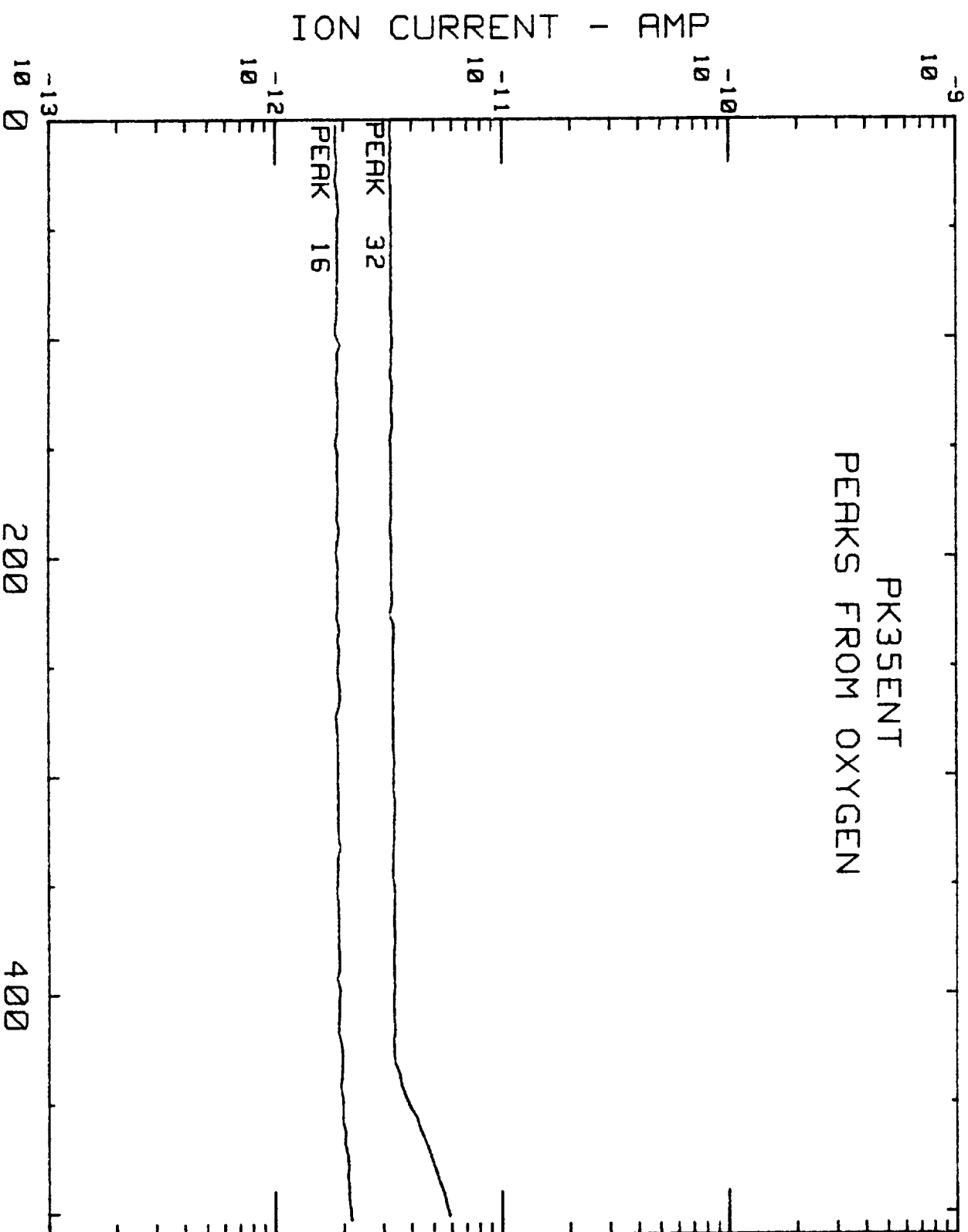
PK35SENT
PEAKS FROM CARBON DIOXIDE



PK35SENT
PEAKS FROM ARGON

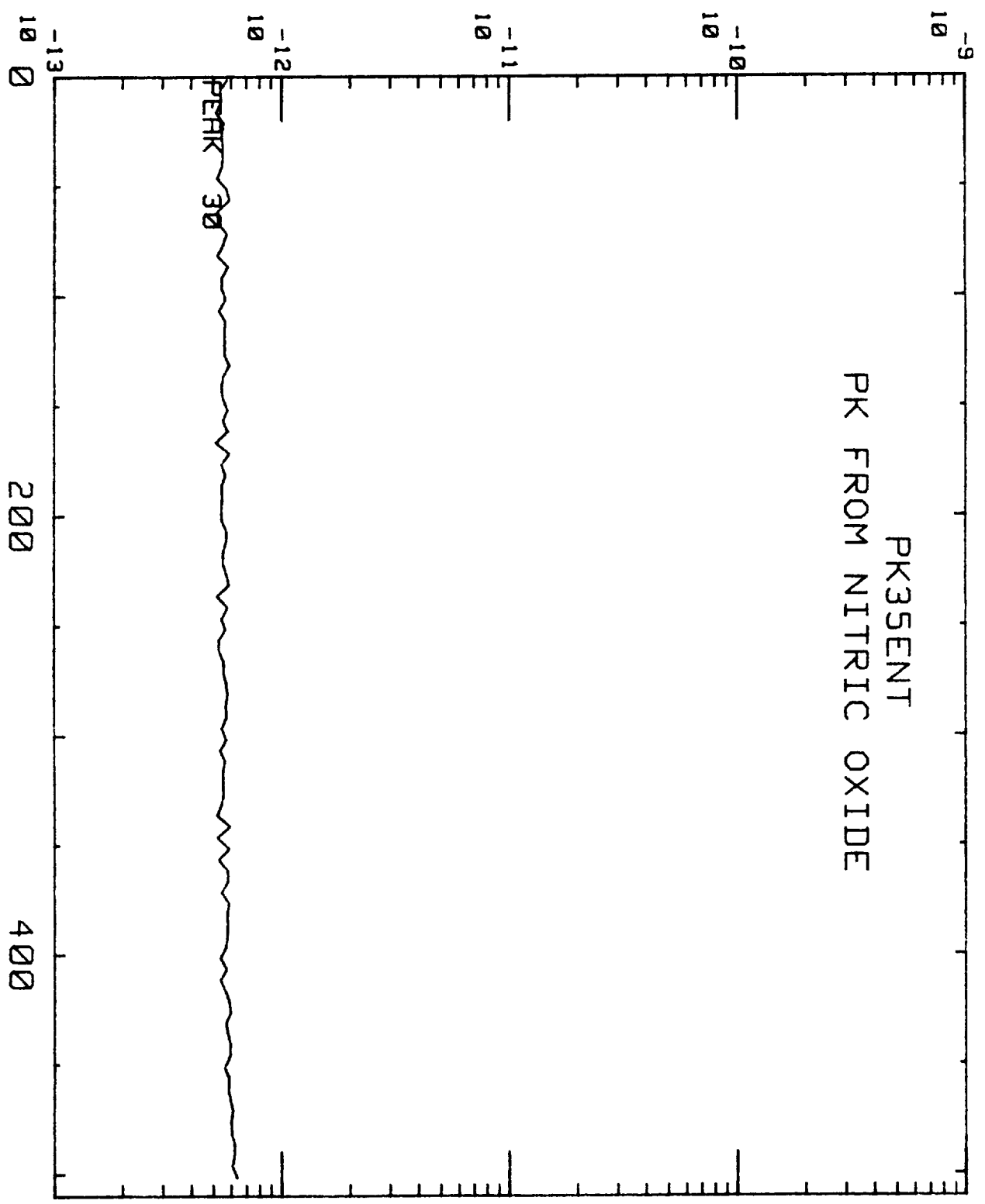


PK35ENT
PEAKS FROM OXYGEN

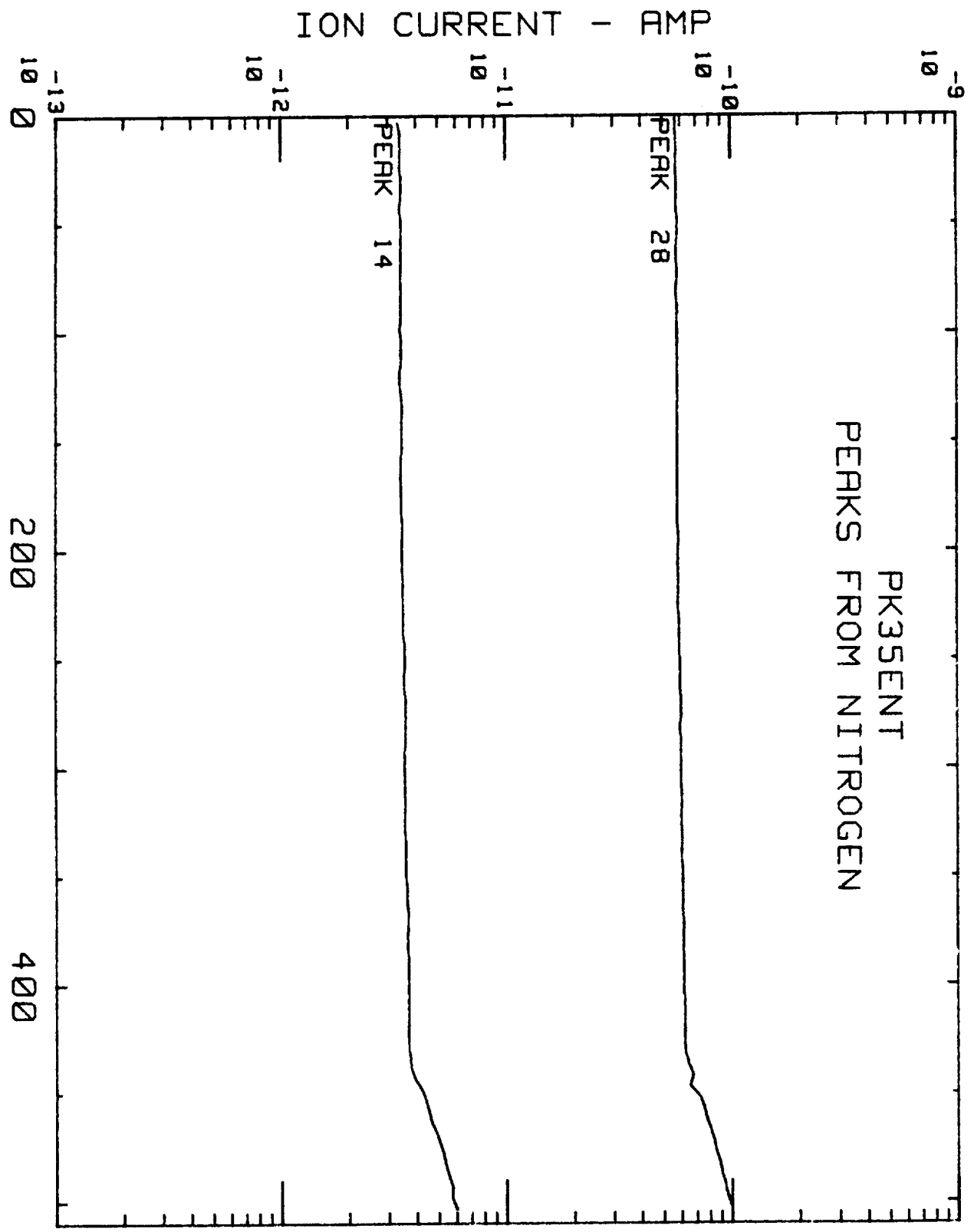


PK35SENT
PK FROM NITRIC OXIDE

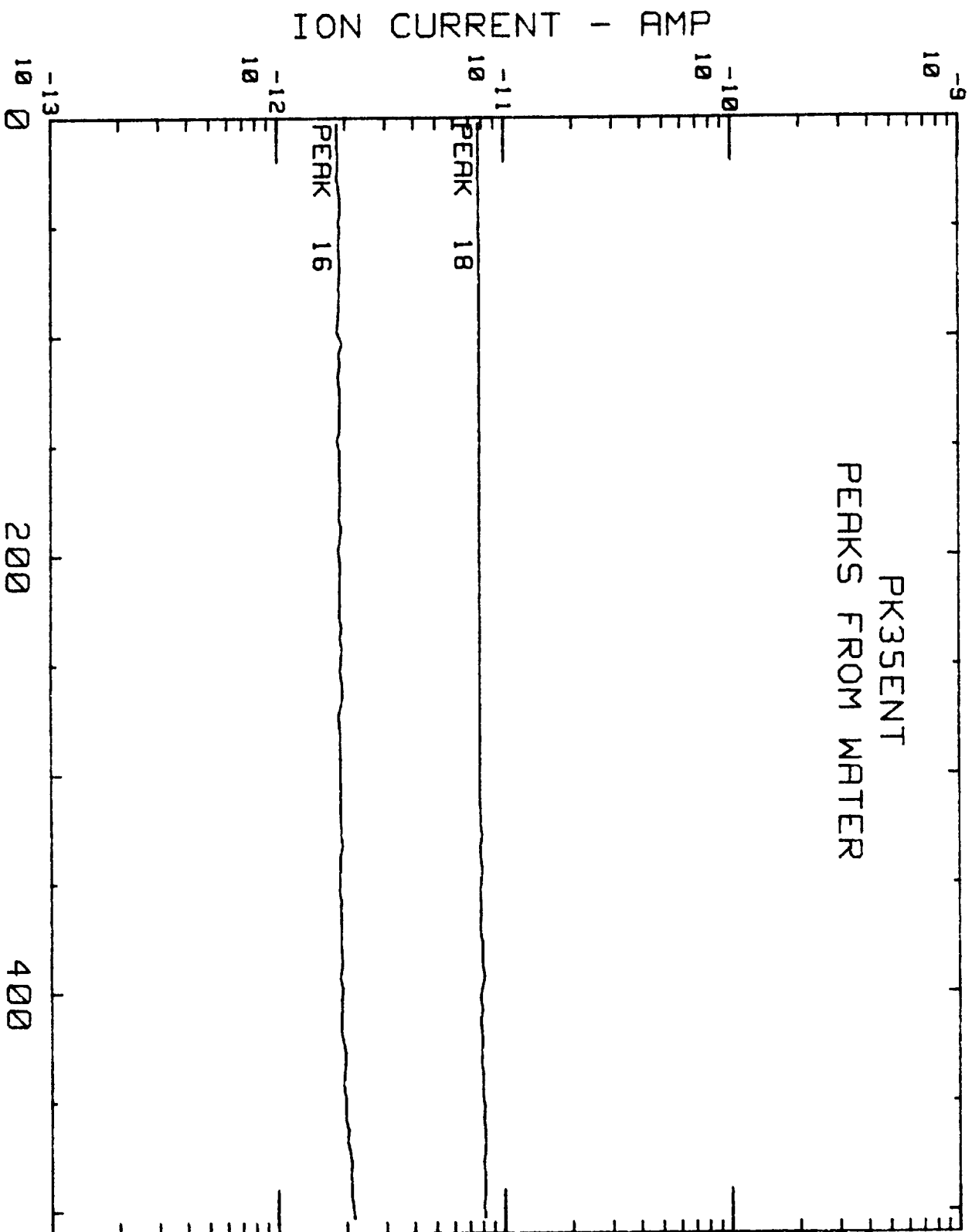
ION CURRENT - AMP



PK35SENT
PEAKS FROM NITROGEN

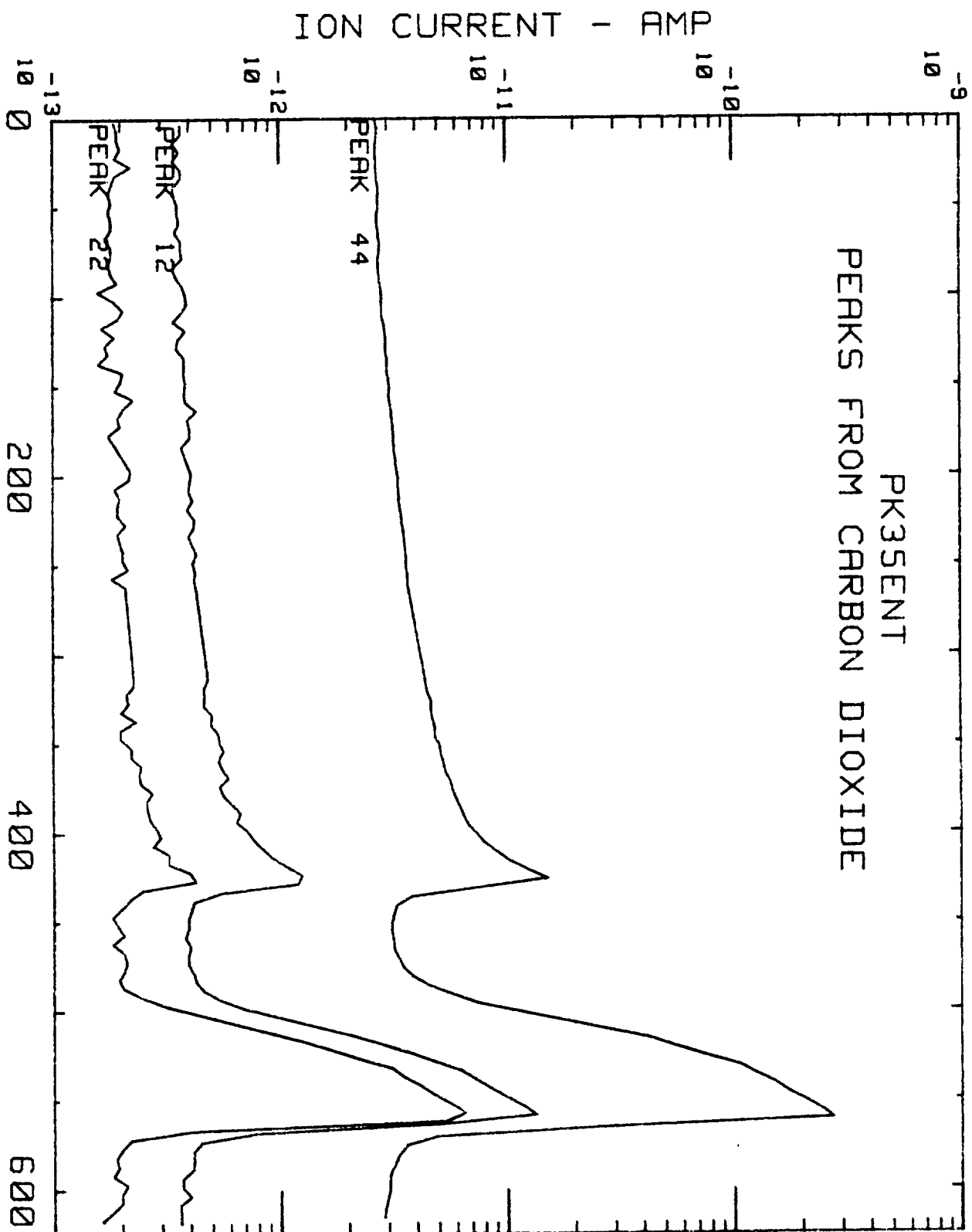


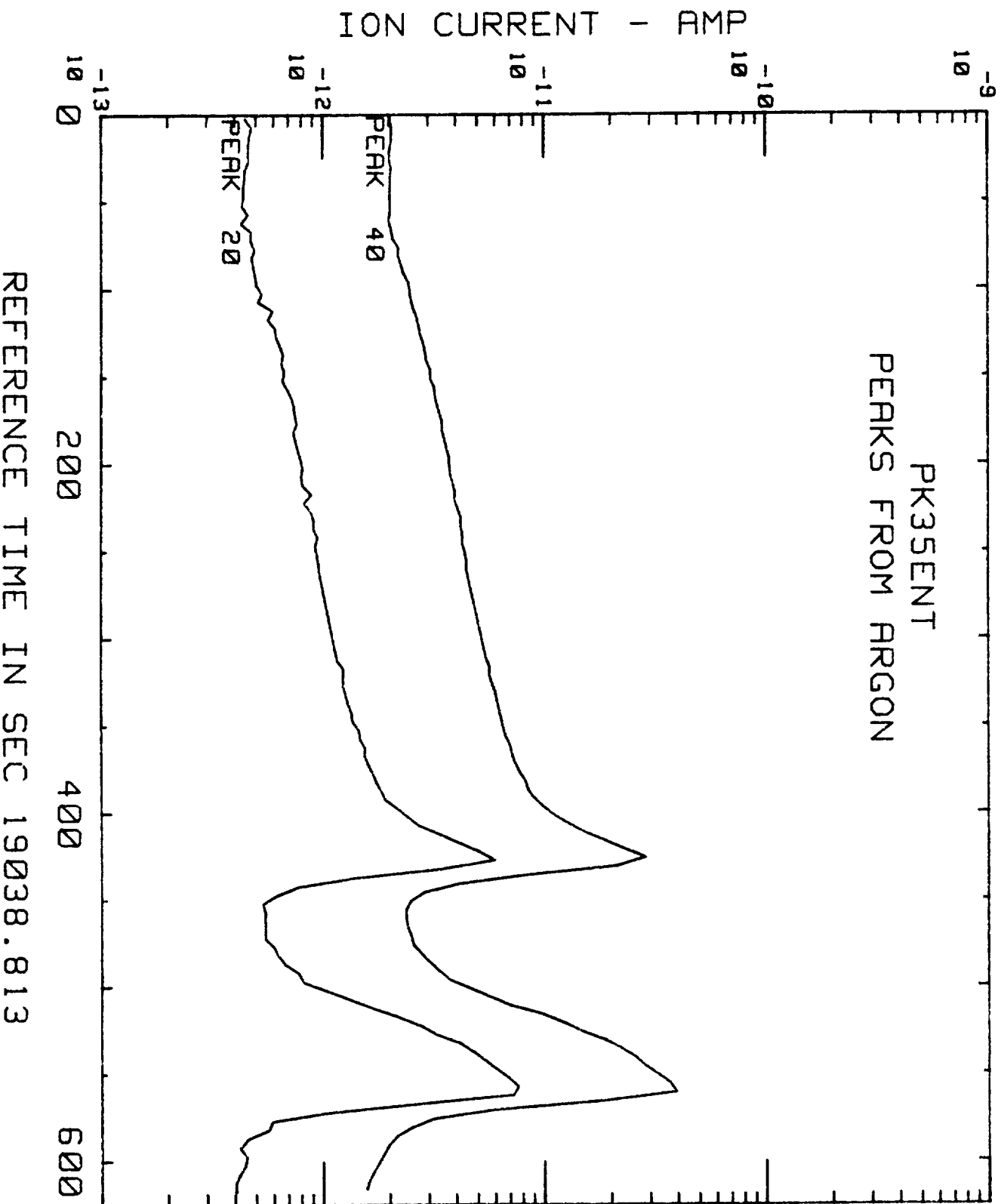
PK35SENT
PEAKS FROM WATER

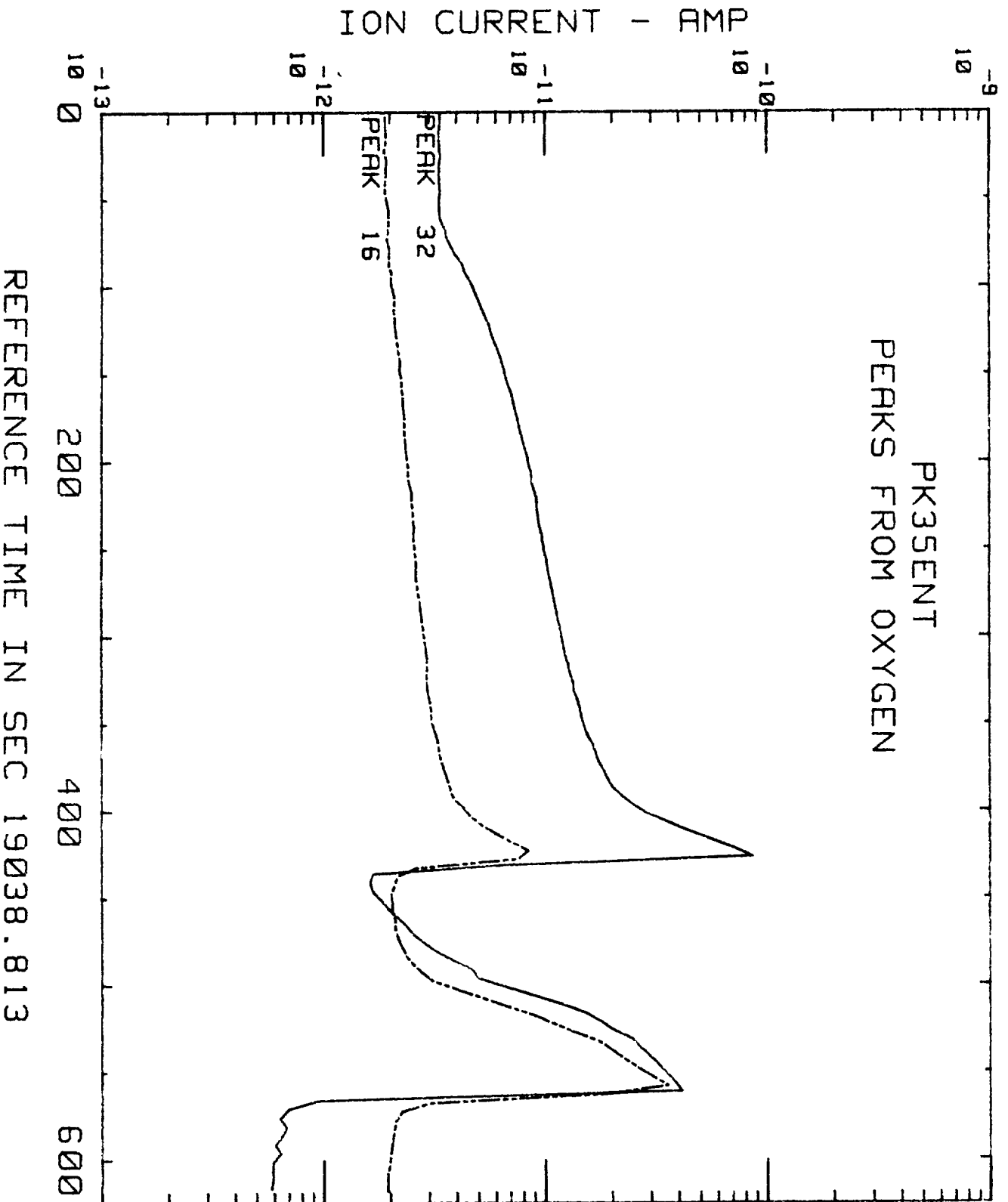


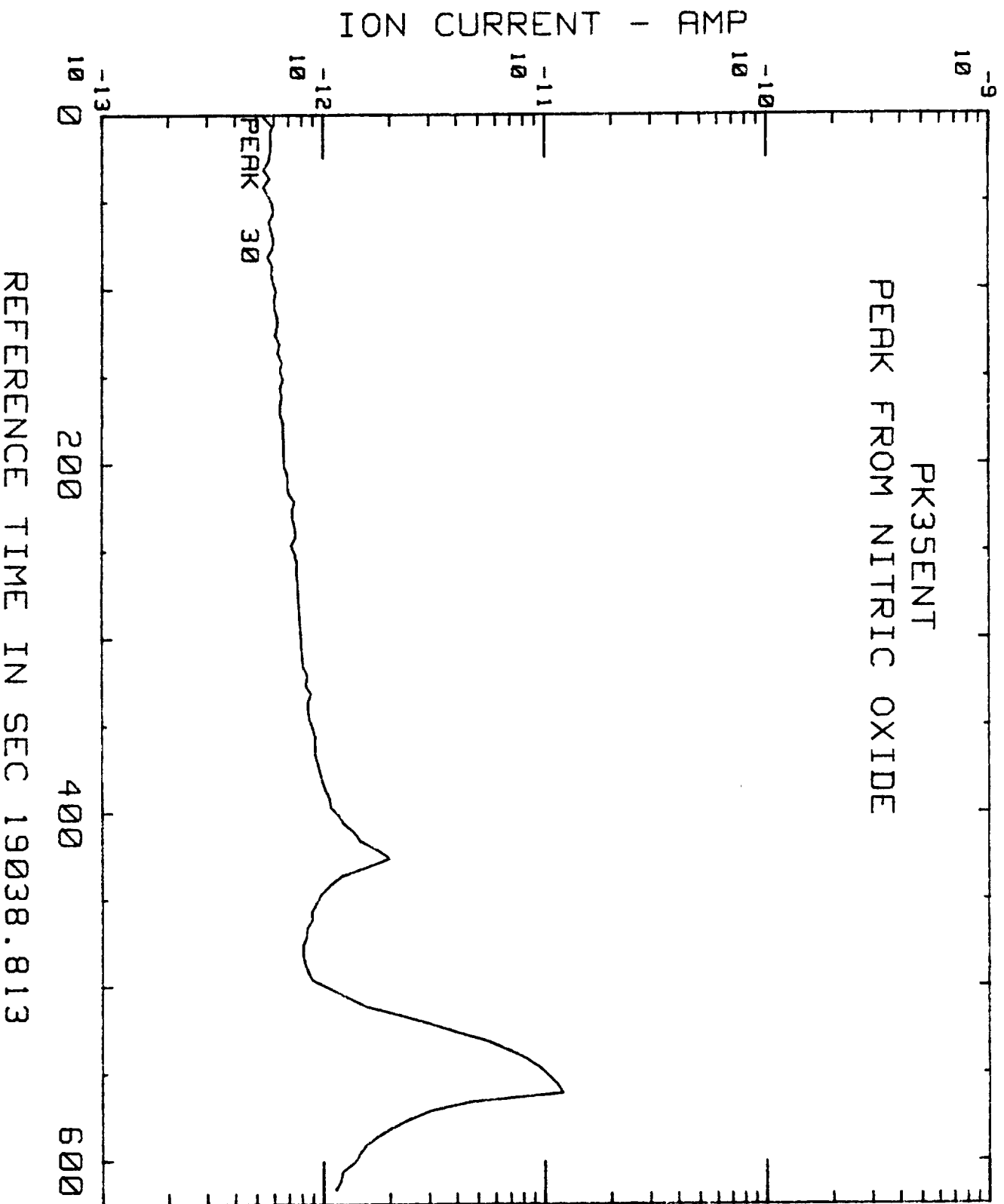
REFERENCE TIME IN SEC 18668.744

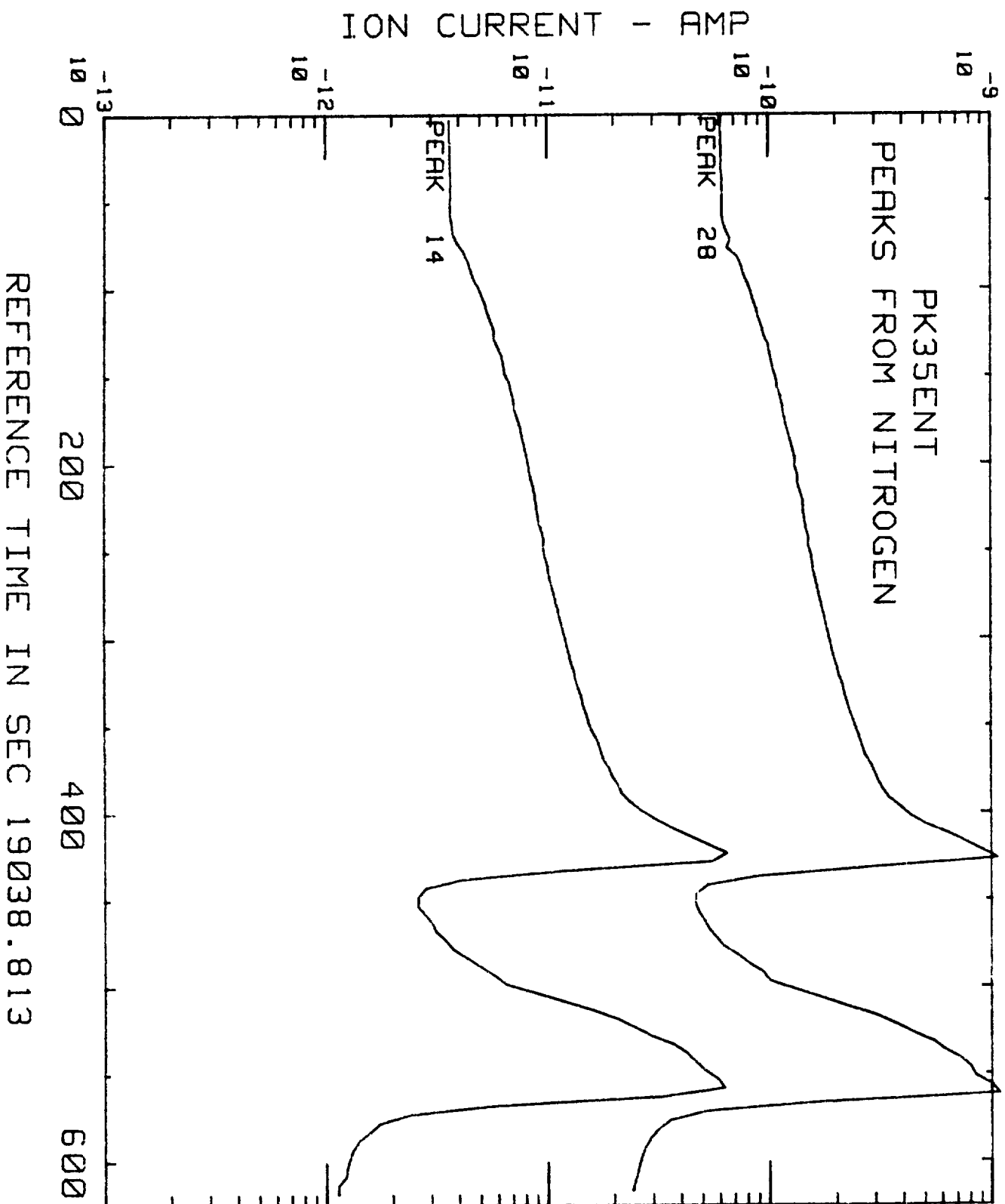
PK35ENT
PEAKS FROM CARBON DIOXIDE



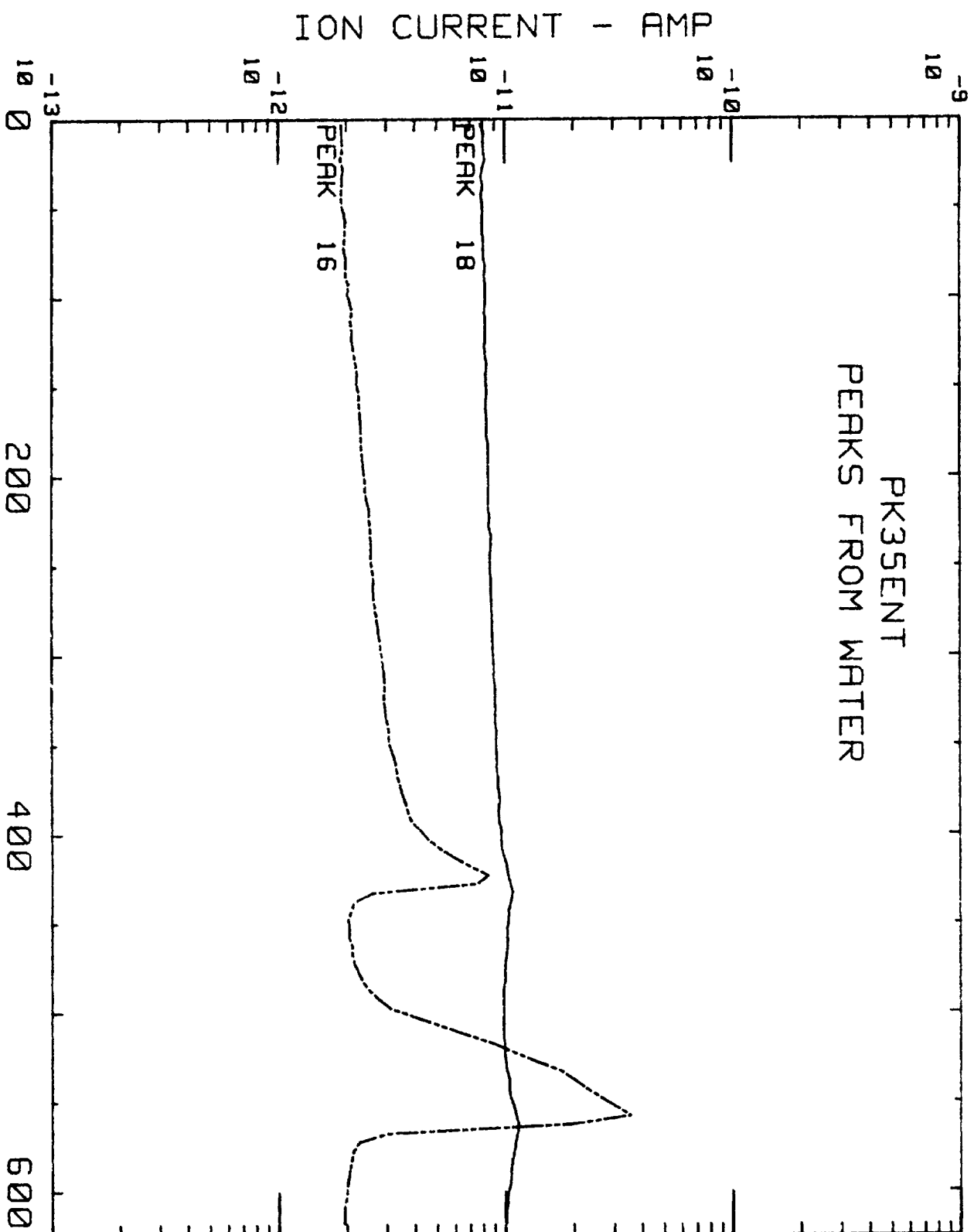




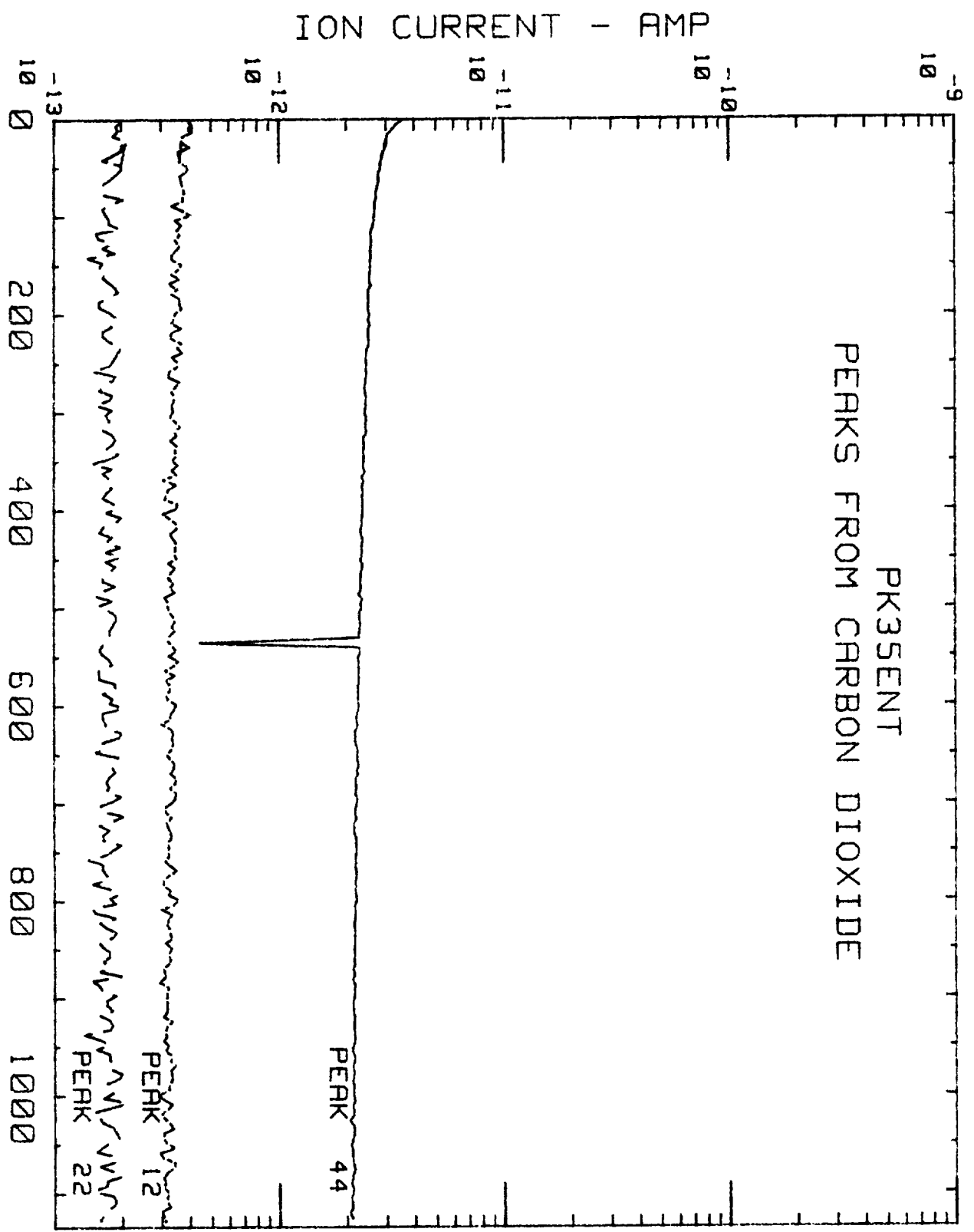




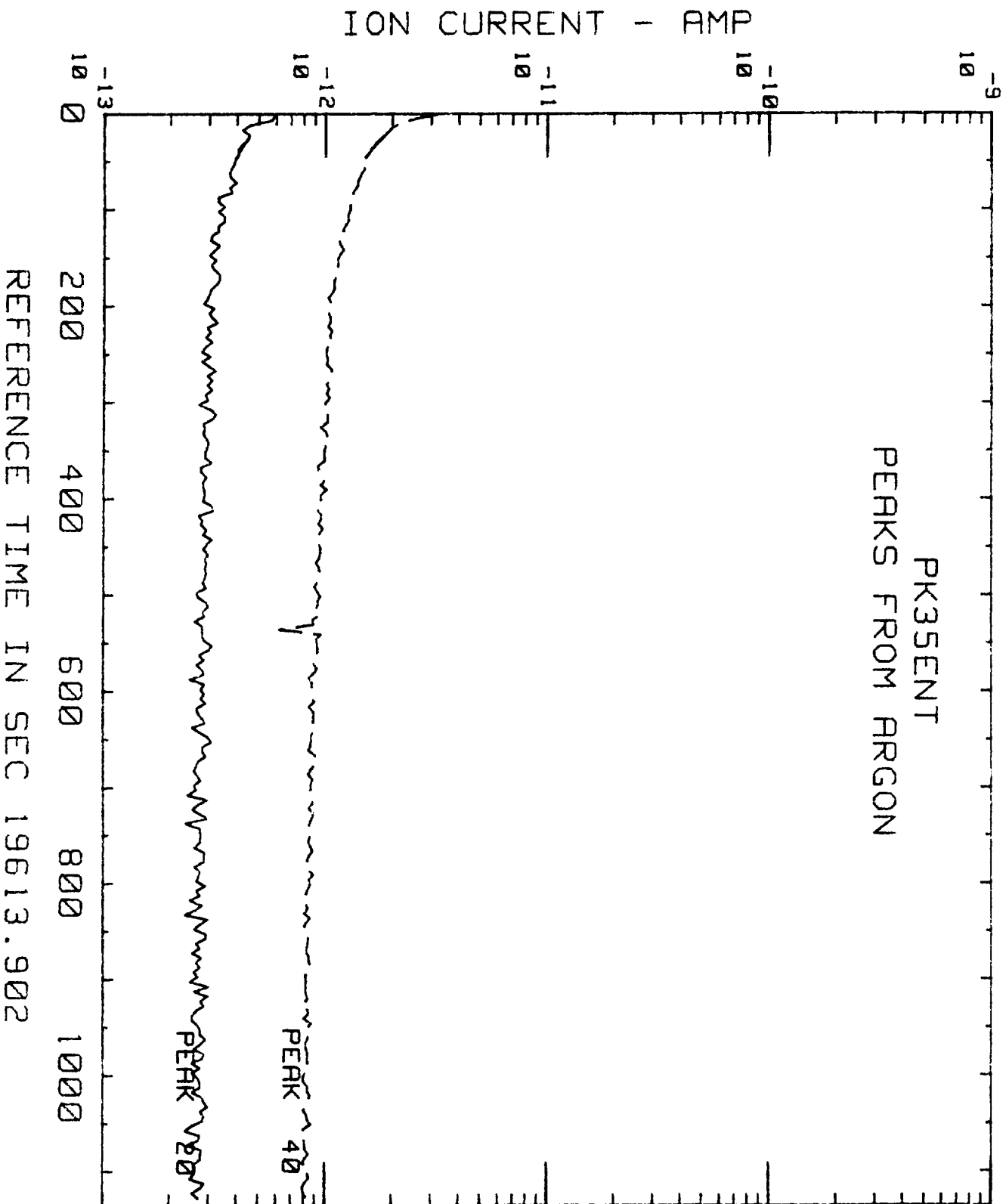
PK35SENT
PEAKS FROM WATER



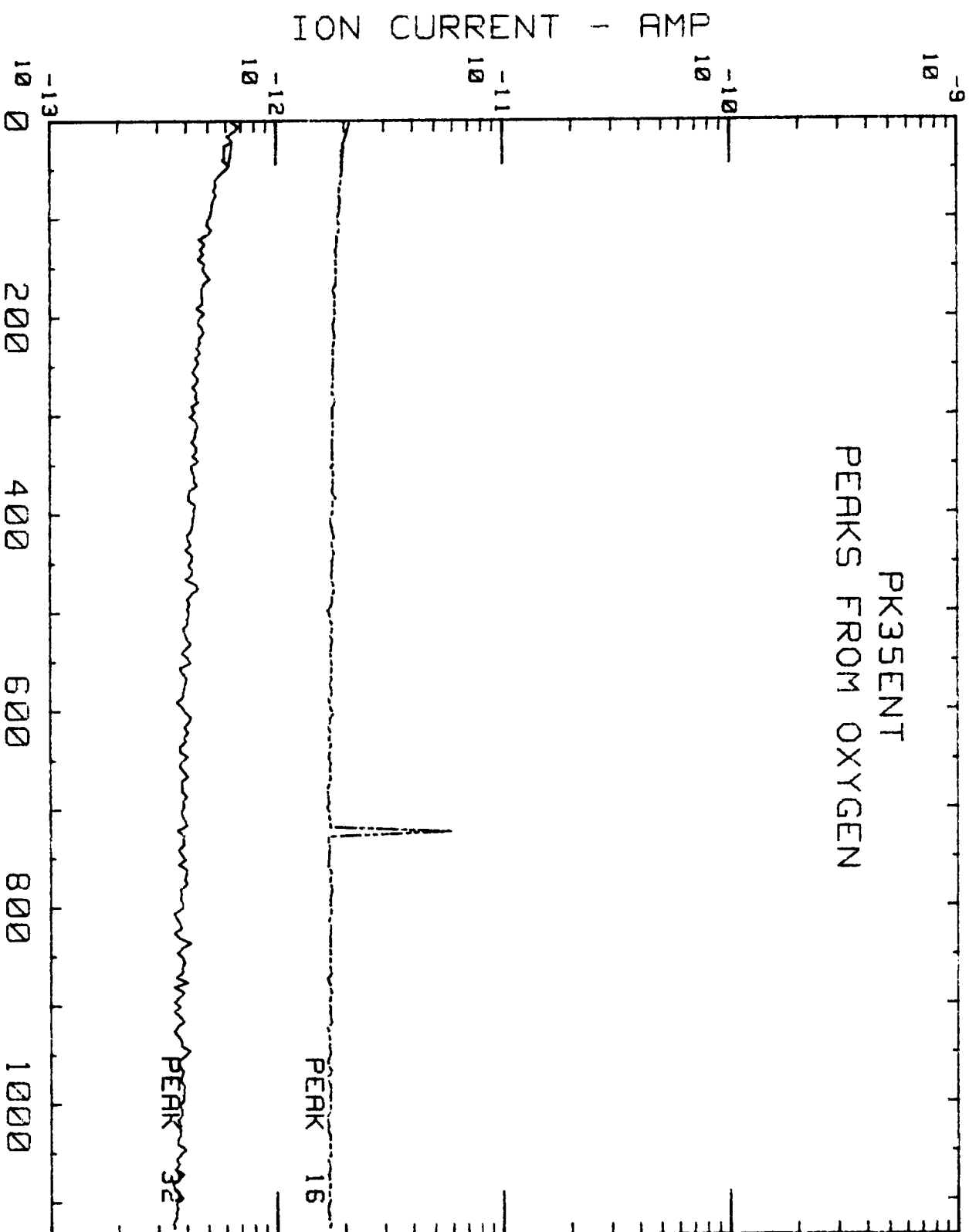
PK35SENT
PEAKS FROM CARBON DIOXIDE



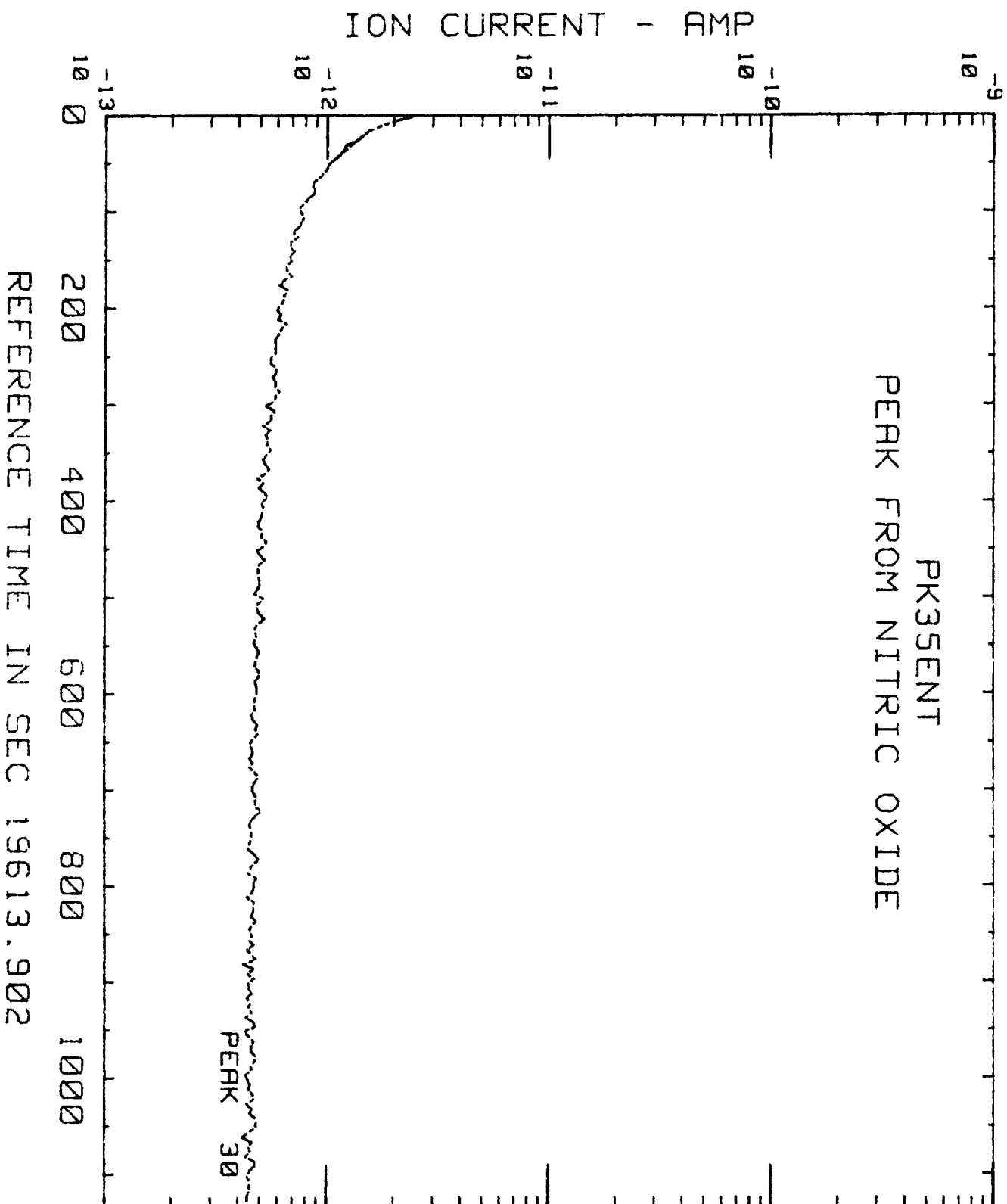
REFERENCE TIME IN SEC 19613.902



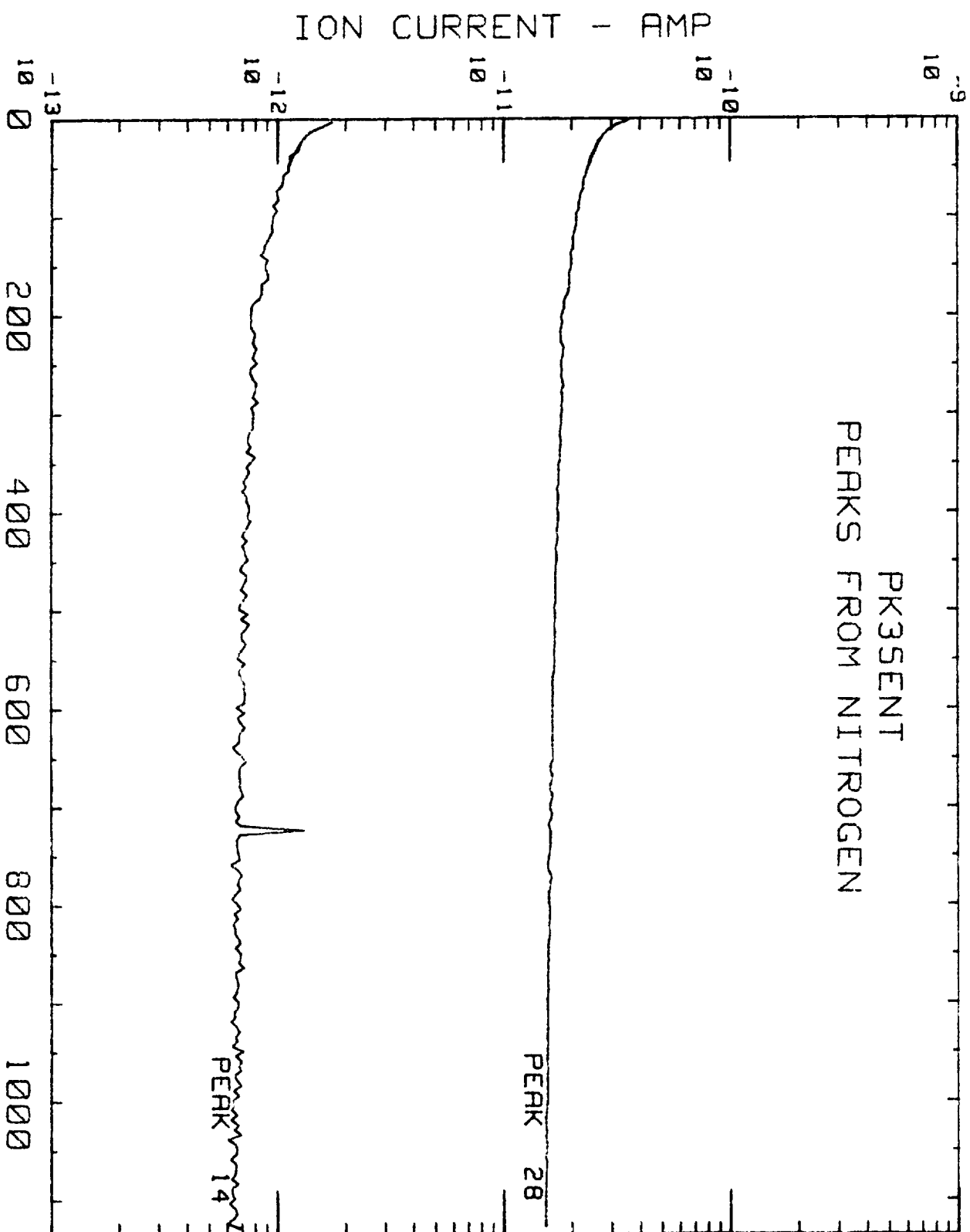
PK35SENT
PEAKS FROM OXYGEN



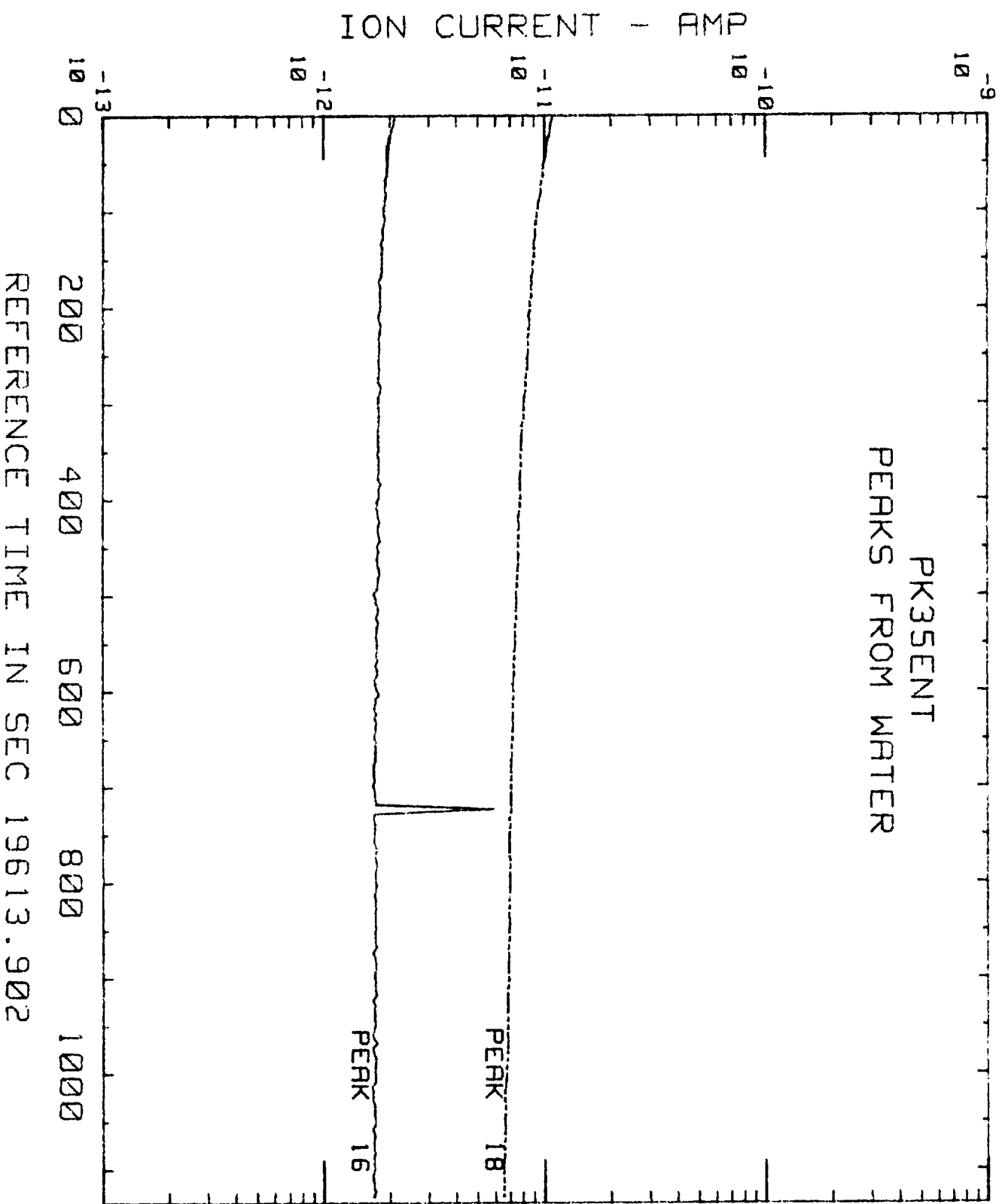
REFERENCE TIME IN SEC 19613.902



PK35SENT
PEAKS FROM NITROGEN



REFERENCE TIME IN SEC 19613.902



2.0 Entry Data

2.4 Snapshot Currents, Entry

DATA FROM STS 35
SNAP SHOT CURRENTS RANGE OPEN

ALT	I44	I40	I32	I30	I28	I18
167.0	2.73E-12	2.40E-12	4.82E-12	4.62E-13	8.55E-11	8.03E-12
165.0	2.78E-12	2.54E-12	5.22E-12	4.72E-13	9.08E-11	8.04E-12
163.0	2.82E-12	2.67E-12	5.62E-12	4.82E-13	9.60E-11	8.06E-12
161.0	2.87E-12	2.81E-12	6.02E-12	4.93E-13	1.01E-10	8.07E-12
159.0	2.91E-12	2.94E-12	6.40E-12	5.03E-13	1.06E-10	8.10E-12
157.0	2.96E-12	3.07E-12	6.78E-12	5.13E-13	1.11E-10	8.12E-12
155.0	3.01E-12	3.20E-12	7.15E-12	5.24E-13	1.16E-10	8.16E-12
153.0	3.07E-12	3.33E-12	7.51E-12	5.34E-13	1.20E-10	8.19E-12
151.0	3.12E-12	3.46E-12	7.86E-12	5.45E-13	1.25E-10	8.23E-12
149.0	3.18E-12	3.59E-12	8.20E-12	5.56E-13	1.30E-10	8.28E-12
147.0	3.24E-12	3.73E-12	8.54E-12	5.68E-13	1.35E-10	8.32E-12
145.0	3.31E-12	3.86E-12	8.88E-12	5.79E-13	1.39E-10	8.37E-12
143.0	3.39E-12	4.01E-12	9.22E-12	5.91E-13	1.45E-10	8.42E-12
141.0	3.47E-12	4.15E-12	9.57E-12	6.04E-13	1.50E-10	8.47E-12
139.0	3.55E-12	4.31E-12	9.92E-12	6.16E-13	1.56E-10	8.53E-12
137.0	3.65E-12	4.47E-12	1.03E-11	6.30E-13	1.62E-10	8.58E-12
135.0	3.76E-12	4.65E-12	1.07E-11	6.43E-13	1.68E-10	8.64E-12
133.0	3.88E-12	4.84E-12	1.11E-11	6.58E-13	1.76E-10	8.70E-12
131.0	4.01E-12	5.04E-12	1.16E-11	6.73E-13	1.84E-10	8.75E-12
129.0	4.16E-12	5.27E-12	1.21E-11	6.89E-13	1.93E-10	8.81E-12
127.0	4.32E-12	5.52E-12	1.27E-11	7.05E-13	2.04E-10	8.87E-12
125.0	4.50E-12	5.80E-12	1.34E-11	7.23E-13	2.16E-10	8.92E-12
123.0	4.71E-12	6.11E-12	1.41E-11	7.41E-13	2.29E-10	8.98E-12
121.0	4.93E-12	6.46E-12	1.50E-11	7.60E-13	2.45E-10	9.03E-12
119.0	5.25E-12	6.95E-12	1.64E-11	7.98E-13	2.66E-10	9.11E-12
117.0	5.62E-12	7.51E-12	1.78E-11	8.24E-13	2.90E-10	9.21E-12
115.0	6.14E-12	8.38E-12	2.01E-11	8.78E-13	3.26E-10	9.29E-12
113.0	7.00E-12	1.01E-11	2.57E-11	9.94E-13	3.97E-10	9.41E-12
111.0	8.67E-12	1.44E-11	4.06E-11	1.19E-12	5.71E-10	9.64E-12
109.0	1.27E-11	2.36E-11	7.06E-11	1.60E-12	9.16E-10	1.02E-11

DATA FROM STS 35
SNAP SHOT CURRENTS RANGE CLOSED

ALT	I44	I40	I32	I30	I28	I18
103.0	3.00E-12	2.24E-12	1.91E-12	7.50E-13	4.88E-11	1.01E-11
102.0	3.04E-12	2.27E-12	2.11E-12	7.21E-13	5.13E-11	9.97E-12
101.0	3.15E-12	2.36E-12	2.41E-12	7.01E-13	5.63E-11	9.89E-12
100.0	3.43E-12	2.51E-12	2.82E-12	6.91E-13	6.38E-11	9.81E-12
99.0	3.99E-12	2.74E-12	3.37E-12	6.92E-13	7.38E-11	9.74E-12
98.0	5.09E-12	3.08E-12	4.06E-12	7.05E-13	8.59E-11	9.69E-12
97.0	7.25E-12	3.56E-12	4.89E-12	7.35E-13	9.96E-11	9.67E-12
96.0	1.35E-11	4.52E-12	7.22E-12	8.49E-13	1.38E-10	9.65E-12
95.0	2.35E-11	6.18E-12	1.04E-11	1.17E-12	1.96E-10	9.66E-12
94.0	3.81E-11	8.67E-12	1.38E-11	1.77E-12	2.69E-10	9.70E-12
93.0	5.86E-11	1.21E-11	1.74E-11	2.78E-12	3.59E-10	9.79E-12
92.0	8.69E-11	1.63E-11	2.15E-11	4.25E-12	4.74E-10	9.91E-12
91.0	1.27E-10	2.04E-11	2.69E-11	5.93E-12	6.26E-10	1.01E-11
90.0	1.49E-10	2.53E-11	2.93E-11	7.84E-12	7.10E-10	1.03E-11
89.0	1.86E-10	3.01E-11	3.32E-11	9.47E-12	8.31E-10	1.05E-11
88.0	2.29E-10	3.51E-11	3.73E-11	1.08E-11	9.64E-10	1.08E-11
87.0	2.76E-10	3.99E-11	4.12E-11	1.19E-11	1.10E-09	1.14E-11

DATA FROM STS 35
SNAP SHOT CURRENTS RANGE OPEN

ALT	I22	I20	I18	I16	I14	I12
167.0	4.29E-14	4.16E-13	8.03E-12	1.95E-12	5.02E-12	2.37E-13
165.0	4.44E-14	4.50E-13	8.04E-12	1.99E-12	5.38E-12	2.41E-13
163.0	4.61E-14	4.83E-13	8.06E-12	2.03E-12	5.73E-12	2.44E-13
161.0	4.79E-14	5.15E-13	8.07E-12	2.06E-12	6.07E-12	2.48E-13
159.0	4.99E-14	5.45E-13	8.10E-12	2.10E-12	6.41E-12	2.51E-13
157.0	5.19E-14	5.75E-13	8.12E-12	2.14E-12	6.75E-12	2.54E-13
155.0	5.41E-14	6.03E-13	8.16E-12	2.17E-12	7.07E-12	2.57E-13
153.0	5.63E-14	6.30E-13	8.19E-12	2.21E-12	7.39E-12	2.60E-13
151.0	5.86E-14	6.57E-13	8.23E-12	2.25E-12	7.71E-12	2.64E-13
149.0	6.10E-14	6.82E-13	8.28E-12	2.28E-12	8.03E-12	2.67E-13
147.0	6.34E-14	7.08E-13	8.32E-12	2.32E-12	8.35E-12	2.71E-13
145.0	6.58E-14	7.33E-13	8.37E-12	2.36E-12	8.68E-12	2.75E-13
143.0	6.81E-14	7.59E-13	8.42E-12	2.40E-12	9.01E-12	2.79E-13
141.0	7.04E-14	7.87E-13	8.47E-12	2.44E-12	9.37E-12	2.84E-13
139.0	7.26E-14	8.15E-13	8.53E-12	2.48E-12	9.75E-12	2.90E-13
137.0	7.47E-14	8.46E-13	8.58E-12	2.53E-12	1.02E-11	2.96E-13
135.0	7.65E-14	8.81E-13	8.64E-12	2.57E-12	1.06E-11	3.04E-13
133.0	7.82E-14	9.19E-13	8.70E-12	2.62E-12	1.11E-11	3.12E-13
131.0	7.95E-14	9.62E-13	8.75E-12	2.68E-12	1.16E-11	3.22E-13
129.0	8.06E-14	1.01E-12	8.81E-12	2.73E-12	1.23E-11	3.33E-13
127.0	8.13E-14	1.07E-12	8.87E-12	2.80E-12	1.30E-11	3.46E-13
125.0	8.16E-14	1.14E-12	8.92E-12	2.86E-12	1.38E-11	3.61E-13
123.0	8.15E-14	1.22E-12	8.98E-12	2.94E-12	1.47E-11	3.78E-13
121.0	8.09E-14	1.31E-12	9.03E-12	3.02E-12	1.58E-11	3.97E-13
119.0	1.16E-13	1.41E-12	9.11E-12	3.20E-12	1.73E-11	4.27E-13
117.0	1.32E-13	1.52E-12	9.21E-12	3.34E-12	1.88E-11	4.51E-13
115.0	1.41E-13	1.69E-12	9.29E-12	3.58E-12	2.11E-11	4.97E-13
113.0	1.61E-13	2.05E-12	9.41E-12	4.10E-12	2.61E-11	5.82E-13
111.0	1.69E-13	2.87E-12	9.64E-12	5.28E-12	3.78E-11	7.28E-13
109.0	2.65E-13	4.81E-12	1.02E-11	7.89E-12	6.18E-11	1.05E-12

DATA FROM STS 35
SNAP SHOT CURRENTS RANGE CLOSED

ALT	I22	I20	I18	I16	I14	I12
103.0	5.66E-14	4.35E-13	1.01E-11	1.94E-12	2.69E-12	2.54E-13
102.0	6.74E-14	4.05E-13	9.97E-12	1.98E-12	2.85E-12	2.71E-13
101.0	6.53E-14	4.09E-13	9.89E-12	2.04E-12	3.13E-12	2.75E-13
100.0	5.98E-14	4.38E-13	9.81E-12	2.12E-12	3.55E-12	2.78E-13
99.0	6.02E-14	4.93E-13	9.74E-12	2.25E-12	4.13E-12	2.93E-13
98.0	7.78E-14	5.72E-13	9.69E-12	2.47E-12	4.89E-12	3.37E-13
97.0	1.50E-13	6.74E-13	9.67E-12	2.83E-12	5.86E-12	4.41E-13
96.0	3.09E-13	8.89E-13	9.65E-12	3.74E-12	8.25E-12	7.42E-13
95.0	5.59E-13	1.26E-12	9.66E-12	5.32E-12	1.23E-11	1.28E-12
94.0	9.31E-13	1.77E-12	9.70E-12	7.39E-12	1.70E-11	2.04E-12
93.0	1.46E-12	2.42E-12	9.79E-12	1.01E-11	2.24E-11	3.08E-12
92.0	2.22E-12	3.24E-12	9.91E-12	1.36E-11	2.90E-11	4.45E-12
91.0	3.32E-12	4.25E-12	1.01E-11	1.83E-11	3.81E-11	6.28E-12
90.0	3.79E-12	5.05E-12	1.03E-11	2.14E-11	4.44E-11	7.57E-12
89.0	4.71E-12	5.97E-12	1.05E-11	2.57E-11	5.09E-11	9.44E-12
88.0	5.85E-12	6.98E-12	1.08E-11	3.14E-11	5.95E-11	1.17E-11
87.0	7.15E-12	8.08E-12	1.14E-11	3.93E-11	7.33E-11	1.42E-11

3.0 High Frequency Engineering Data

3.1 Printout Time, Ion Pump, Temp1, Temp2, Press, Temp3

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
20157.703	.00120	284.98	285.26	5.4216	284.98
20158.271	.00120	284.98	285.26	5.4216	284.98
20158.839	.00072	284.98	285.26	5.4216	284.98
20158.839	.00072	284.98	285.26	5.4216	284.98
20159.407	.00072	284.98	285.26	5.4216	284.98
20159.975	.00096	284.98	285.26	5.4216	284.98
20160.543	.00144	284.98	285.26	5.4216	284.98
20161.111	.00096	284.98	285.26	5.4216	284.98
20161.679	.00072	284.98	285.26	5.4216	284.98
20162.248	.00096	284.98	285.26	5.4216	284.98
20162.816	.00120	284.98	285.26	5.4216	284.98
20163.384	.00120	284.98	285.26	5.4216	284.98
20163.952	.00096	284.98	285.26	5.4216	284.98
20163.952	.00096	284.98	285.26	5.4216	284.98
20164.520	.00072	284.98	285.26	5.4216	284.98
20165.088	.00120	284.98	284.98	5.4216	284.98
20165.656	.00144	284.98	285.26	5.4216	284.98
20166.224	.00096	284.98	285.26	5.4216	284.98
20166.792	.00072	284.98	285.26	5.4216	284.98
20167.360	.00096	284.98	285.26	5.4216	284.98
20167.929	.00120	284.98	285.26	5.4216	284.98
20168.497	.00096	284.98	284.98	5.4216	284.98
20168.497	.00096	284.98	284.98	5.4216	284.98
20169.065	.00072	284.98	285.26	5.4216	284.98
20169.633	.00096	284.98	285.26	5.4216	284.98
20170.201	.00120	284.98	285.26	5.4216	284.98
20170.769	.00096	284.98	285.26	5.4216	284.98
20171.337	.00072	284.98	285.26	5.4216	284.98
20171.905	.00120	284.98	285.26	5.4216	284.98
20172.473	.00120	284.98	285.26	5.4216	284.98
20173.041	.00072	284.98	285.26	5.4216	284.98
20173.609	.00096	284.98	285.26	5.4216	284.98
20173.609	.00096	284.98	285.26	5.4216	284.98
20174.178	.00144	284.98	285.26	5.4216	284.98
20174.746	.00096	284.98	285.26	5.4216	284.98
20175.314	.00072	284.98	285.26	5.4216	284.98
20175.882	.00120	284.98	285.26	5.4216	284.98
20176.450	.00096	284.98	285.26	5.4216	284.98
20177.018	.00096	284.98	285.26	5.4216	284.98
20177.586	.00120	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
20125.889	.00096	284.98	284.98	5.4216	284.98
20126.458	.00072	284.98	285.26	5.4216	284.98
20127.026	.00072	284.98	285.26	5.4216	284.98
20127.594	.00120	284.98	285.26	5.4216	284.98
20128.162	.00120	284.98	284.98	5.4216	284.98
20128.730	.00120	284.98	285.26	5.4216	284.98
20128.730	.00120	284.98	285.26	5.4216	284.98
20129.298	.00096	284.98	285.26	5.4216	284.98
20129.866	.00072	284.98	285.26	5.4216	284.98
20130.434	.00120	284.98	285.26	5.4216	284.98
20131.002	.00144	284.98	284.98	5.4216	284.98
20131.570	.00096	284.98	285.26	5.4216	284.98
20132.139	.00072	284.98	285.26	5.4216	284.98
20132.707	.00096	284.98	285.26	5.4216	284.98
20133.275	.00144	284.98	285.26	5.4216	284.98
20133.843	.00096	284.98	284.98	5.4216	284.98
20133.843	.00096	284.98	284.98	5.4216	284.98
20134.411	.00072	284.98	285.26	5.4216	284.98
20134.979	.00120	284.98	285.26	5.4216	284.98
20135.547	.00144	284.98	285.26	5.4216	284.98
20136.115	.00096	284.98	285.26	5.4216	284.98
20136.683	.00072	284.98	285.26	5.4216	284.98
20137.251	.00096	284.98	284.98	5.4216	284.98
20137.819	.00120	284.98	285.26	5.4216	284.98
20138.388	.00144	284.98	285.26	5.4216	284.98
20138.956	.00096	284.98	285.26	5.4216	284.98
20138.956	.00096	284.98	285.26	5.4216	284.98
20139.524	.00072	284.98	284.98	5.4216	284.98
20140.092	.00072	284.98	285.26	5.4216	284.98
20140.660	.00096	284.98	285.26	5.4216	284.98
20141.228	.00120	284.98	285.26	5.4216	284.98
20141.796	.00120	284.98	285.26	5.4216	284.98
20142.364	.00120	284.98	284.98	5.4216	284.98
20142.932	.00120	284.98	285.26	5.4216	284.98
20143.500	.00072	284.98	285.26	5.4216	284.71
20143.500	.00072	284.98	285.26	5.4216	284.71
20144.069	.00072	284.98	285.26	5.4216	284.98
20144.637	.00072	284.98	285.26	5.4216	284.98
20145.205	.00096	284.98	284.98	5.4216	284.98
20145.773	.00120	284.98	285.26	5.4216	284.98
20146.341	.00120	284.98	285.26	5.4216	284.98
20146.909	.00120	284.98	285.26	5.4216	284.98
20147.477	.00144	284.98	285.26	5.4216	284.98
20148.045	.00096	284.98	285.26	5.4216	284.98
20148.613	.00096	284.98	285.26	5.4216	284.98
20148.613	.00096	284.98	285.26	5.4216	284.98
20153.158	.00072	284.98	285.26	5.4216	284.98
20153.726	.00072	284.98	285.26	5.4216	284.98
20153.726	.00072	284.98	285.26	5.4216	284.98
20154.294	.00120	284.98	284.98	5.4216	284.98
20154.862	.00144	284.98	285.26	5.4216	284.98
20155.430	.00072	284.98	285.26	5.4216	284.98
20155.999	.00072	284.98	285.26	5.4216	284.98
20156.567	.00096	284.98	285.26	5.4216	284.98
20157.135	.00120	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
20098.053	.00120	284.98	285.26	5.4216	284.98
20098.621	.00144	284.98	285.26	5.4216	284.98
20098.621	.00144	284.98	285.26	5.4216	284.98
20099.189	.00144	284.98	285.26	5.4216	284.98
20099.757	.00144	284.98	285.26	5.4216	284.98
20100.325	.00144	284.98	285.26	5.4216	284.98
20100.893	.00120	284.98	285.26	5.4216	284.98
20101.461	.00120	284.98	285.26	5.4216	284.98
20102.029	.00096	284.98	284.98	5.4216	284.98
20102.598	.00096	284.98	285.26	5.4216	284.98
20103.166	.00096	284.98	285.26	5.4216	284.98
20103.734	.00096	284.98	285.26	5.4216	284.98
20103.734	.00096	284.98	285.26	5.4216	284.98
20104.302	.00072	284.98	285.26	5.4216	284.98
20104.870	.00072	284.98	285.26	5.4216	284.98
20105.438	.00072	284.98	285.26	5.4216	284.98
20106.006	.00072	284.98	285.26	5.4216	284.98
20106.574	.00072	284.98	285.26	5.4216	284.98
20107.142	.00096	284.98	285.26	5.4216	284.98
20107.710	.00096	284.98	285.26	5.4216	284.98
20108.278	.00120	284.98	285.26	5.4216	284.98
20108.847	.00120	284.98	285.26	5.4216	284.98
20108.847	.00120	284.98	285.26	5.4216	284.98
20109.415	.00120	284.98	285.26	5.4216	284.98
20109.983	.00144	284.98	285.26	5.4216	284.98
20110.551	.00144	284.98	285.26	5.4216	284.98
20111.119	.00096	284.98	284.98	5.4216	284.98
20111.687	.00072	284.98	285.26	5.4216	284.98
20112.255	.00072	284.71	285.26	5.4216	284.98
20112.823	.00120	284.98	285.26	5.4216	284.98
20113.391	.00144	284.98	285.26	5.4216	284.98
20113.959	.00096	284.98	285.26	5.4216	284.98
20113.959	.00096	284.98	285.26	5.4216	284.98
20114.528	.00072	284.98	285.26	5.4216	284.98
20115.096	.00072	284.98	285.26	5.4216	284.98
20115.664	.00096	284.98	285.26	5.4216	284.98
20116.232	.00120	284.98	285.26	5.4216	284.98
20116.800	.00144	284.98	285.26	5.4216	284.98
20117.368	.00120	284.98	285.26	5.4216	284.98
20117.936	.00096	284.98	285.26	5.4216	284.98
20118.504	.00072	284.98	285.26	5.4216	284.98
20118.504	.00072	284.98	285.26	5.4216	284.98
20119.072	.00072	284.98	285.26	5.4216	284.98
20119.640	.00096	284.98	285.26	5.4216	284.98
20120.208	.00120	284.98	285.26	5.4216	284.98
20120.777	.00120	284.98	285.26	5.4216	284.98
20121.345	.00144	284.98	285.26	5.4216	284.98
20121.913	.00120	284.98	285.26	5.4216	284.98
20122.481	.00096	284.98	284.98	5.4216	284.98
20123.049	.00072	284.98	285.26	5.4216	284.98
20123.617	.00072	284.98	285.26	5.4216	284.98
20123.617	.00072	284.98	285.26	5.4216	284.98
20124.185	.00096	284.98	285.26	5.4216	284.98
20124.753	.00120	284.98	285.26	5.4216	284.98
20125.321	.00120	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
20069.648	.00120	284.98	285.26	5.4216	284.98
20070.216	.00120	284.98	285.26	5.4216	284.71
20070.784	.00072	284.98	284.98	5.4216	284.98
20071.352	.00096	284.98	284.98	5.4216	284.98
20071.920	.00144	284.98	285.26	5.4216	284.98
20072.488	.00120	284.98	285.26	5.4216	284.98
20073.057	.00072	284.98	285.26	5.4216	284.98
20073.625	.00096	284.98	285.26	5.4216	284.71
20073.625	.00096	284.98	285.26	5.4216	284.71
20074.193	.00144	284.98	285.26	5.4216	284.98
20074.761	.00120	284.98	285.26	5.4216	284.98
20075.329	.00096	284.98	285.26	5.4216	284.98
20075.897	.00072	284.98	285.26	5.4216	284.71
20076.465	.00072	284.98	285.26	5.4216	284.98
20077.033	.00072	284.71	284.98	5.4216	284.98
20077.601	.00096	284.98	285.26	5.4216	284.98
20078.169	.00096	284.98	285.26	5.4216	284.98
20078.738	.00120	284.98	285.26	5.4216	284.98
20078.738	.00120	284.98	285.26	5.4216	284.98
20079.306	.00120	284.98	285.26	5.4216	284.71
20079.874	.00120	284.98	285.26	5.4216	284.98
20080.442	.00120	284.98	285.26	5.4216	284.98
20081.010	.00096	284.98	285.26	5.4216	284.98
20081.578	.00072	284.98	285.26	5.4216	284.98
20082.146	.00072	284.98	285.26	5.4216	284.98
20082.714	.00072	284.98	285.26	5.4216	284.98
20083.282	.00072	284.98	285.26	5.4216	284.98
20083.850	.00072	284.98	285.26	5.4216	284.71
20083.850	.00072	284.98	285.26	5.4216	284.71
20084.418	.00072	284.98	285.26	5.4216	284.98
20084.987	.00096	284.98	285.26	5.4216	284.98
20085.555	.00096	284.98	285.26	5.4216	284.98
20086.123	.00120	284.98	284.98	5.4216	284.98
20086.691	.00120	284.98	285.26	5.4216	284.98
20087.259	.00144	284.98	285.26	5.4216	284.98
20087.827	.00144	284.98	285.26	5.4216	284.71
20088.395	.00144	284.98	285.26	5.4216	284.98
20088.963	.00144	284.98	285.26	5.4216	284.98
20088.963	.00144	284.98	285.26	5.4216	284.98
20089.531	.00144	284.98	285.26	5.4216	284.98
20090.099	.00120	284.98	285.26	5.4216	284.98
20090.668	.00144	284.98	285.26	5.4216	284.98
20091.236	.00144	284.98	285.26	5.4216	284.98
20091.804	.00144	284.98	284.98	5.4216	284.98
20092.372	.00144	284.98	285.26	5.4216	284.98
20092.940	.00144	284.98	285.26	5.4216	284.98
20093.508	.00144	284.98	284.98	5.4216	284.98
20093.508	.00144	284.98	284.98	5.4216	284.98
20094.076	.00144	284.98	284.98	5.4216	284.98
20094.644	.00144	284.98	285.26	5.4216	284.98
20095.212	.00144	284.98	285.26	5.4216	284.98
20095.780	.00144	284.98	285.26	5.4216	284.98
20096.348	.00144	284.98	285.26	5.4216	284.98
20096.917	.00120	284.98	285.26	5.4216	284.98
20097.485	.00144	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
20041.811	.00072	284.98	285.26	5.4216	284.98
20042.379	.00072	284.98	285.26	5.4216	284.98
20042.948	.00072	284.98	284.98	5.4216	284.98
20043.516	.00072	284.98	284.98	5.4216	284.98
20043.516	.00072	284.98	284.98	5.4216	284.98
20044.084	.00072	284.71	285.26	5.4216	284.98
20044.652	.00072	284.98	284.98	5.4216	284.98
20045.220	.00072	284.98	284.98	5.4216	284.98
20045.788	.00072	284.98	284.98	5.4216	284.71
20046.356	.00096	284.98	284.98	5.4216	284.98
20046.924	.00072	284.98	285.26	5.4216	284.98
20047.492	.00072	284.98	285.26	5.4216	284.98
20048.060	.00072	284.98	285.26	5.4216	284.98
20048.628	.00072	284.98	284.98	5.4216	284.98
20048.628	.00072	284.98	284.98	5.4216	284.98
20049.197	.00072	284.98	285.26	5.4216	284.98
20049.765	.00096	284.98	285.26	5.4216	284.98
20050.333	.00120	284.98	285.26	5.4216	284.98
20050.901	.00120	284.98	284.98	5.4216	284.98
20051.469	.00120	284.98	285.26	5.4216	284.98
20052.037	.00144	284.98	285.26	5.4216	284.98
20052.605	.00120	284.98	285.26	5.4216	284.98
20053.173	.00120	284.98	285.26	5.4216	284.98
20053.741	.00120	284.98	285.26	5.4216	284.98
20053.741	.00120	284.98	285.26	5.4216	284.98
20054.309	.00072	284.98	284.98	5.4216	284.98
20054.878	.00072	284.98	285.26	5.4216	284.98
20055.446	.00096	284.98	285.26	5.4216	284.98
20056.014	.00120	284.98	285.26	5.4216	284.98
20056.582	.00144	284.98	284.98	5.4216	284.71
20057.150	.00120	284.98	285.26	5.4216	284.98
20057.718	.00096	284.98	285.26	5.4216	284.98
20058.286	.00072	284.98	285.26	5.4216	284.98
20058.854	.00096	284.98	285.26	5.4216	284.71
20058.854	.00096	284.98	285.26	5.4216	284.71
20059.422	.00120	284.98	285.26	5.4216	284.98
20059.990	.00120	284.98	285.26	5.4216	284.98
20060.558	.00072	284.98	285.26	5.4216	284.98
20061.127	.00072	284.98	285.26	5.4216	284.98
20061.695	.00120	284.98	285.26	5.4216	284.98
20062.263	.00120	284.98	285.26	5.4216	284.98
20062.831	.00096	284.98	284.98	5.4216	284.98
20063.399	.00072	284.98	285.26	5.4216	284.98
20063.967	.00120	284.98	285.26	5.4216	284.98
20063.967	.00120	284.98	285.26	5.4216	284.98
20064.535	.00120	284.98	284.98	5.4216	284.98
20065.103	.00072	284.98	285.26	5.4216	284.98
20065.671	.00072	284.98	284.98	5.4216	284.98
20066.239	.00120	284.98	285.26	5.4216	284.98
20066.808	.00120	284.98	285.26	5.4216	284.98
20067.376	.00072	284.98	285.26	5.4216	284.98
20067.944	.00120	284.98	285.26	5.4216	284.98
20068.512	.00120	284.98	285.26	5.4216	284.98
20068.512	.00120	284.98	285.26	5.4216	284.98
20069.080	.00072	284.71	284.98	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
20013.975	.00072	284.98	285.26	5.4216	284.98
20013.975	.00072	284.98	285.26	5.4216	284.98
20014.543	.00144	284.98	285.26	5.4216	284.98
20015.111	.00072	284.98	285.26	5.4216	284.98
20015.679	.00144	284.98	285.26	5.4216	284.98
20016.247	.00072	284.98	285.26	5.4216	284.98
20016.815	.00120	284.98	285.26	5.4216	284.71
20017.383	.00096	284.98	284.98	5.4216	284.98
20017.951	.00096	284.98	285.26	5.4216	284.98
20018.519	.00096	284.98	285.26	5.4216	284.98
20018.519	.00096	284.98	285.26	5.4216	284.98
20019.088	.00096	284.98	285.26	5.4216	284.71
20019.656	.00096	284.98	285.26	5.4216	284.98
20020.224	.00120	284.98	285.26	5.4216	284.98
20020.792	.00096	284.98	284.98	5.4216	284.98
20021.360	.00096	284.98	285.26	5.4216	284.71
20021.928	.00120	284.98	285.26	5.4216	284.71
20022.496	.00072	284.98	285.26	5.4216	284.98
20023.064	.00144	284.98	285.26	5.4216	284.98
20023.632	.00096	284.98	285.26	5.4216	284.98
20023.632	.00096	284.98	285.26	5.4216	284.98
20024.200	.00096	284.98	285.26	5.4216	284.71
20024.768	.00120	284.98	285.26	5.4216	284.98
20025.337	.00072	284.98	285.26	5.4216	284.98
20025.905	.00096	284.98	284.98	5.4216	284.98
20026.473	.00144	284.98	284.98	5.4216	284.98
20027.041	.00096	284.98	285.26	5.4216	284.98
20027.609	.00096	284.98	285.26	5.4216	284.71
20028.177	.00144	284.98	285.26	5.4216	284.98
20028.745	.00120	284.98	285.26	5.4216	284.98
20028.745	.00120	284.98	285.26	5.4216	284.98
20029.313	.00072	284.98	285.26	5.4216	284.98
20029.881	.00120	284.98	285.26	5.4216	284.98
20030.449	.00120	284.98	285.26	5.4216	284.98
20031.018	.00072	284.98	285.26	5.4216	284.98
20031.586	.00144	284.98	285.26	5.4216	284.98
20032.154	.00096	284.98	284.98	5.4216	284.98
20032.722	.00096	284.98	285.26	5.4216	284.98
20033.290	.00120	284.98	285.26	5.4216	284.71
20033.858	.00120	284.98	285.26	5.4216	284.71
20033.858	.00120	284.98	285.26	5.4216	284.71
20034.426	.00096	284.98	285.26	5.4216	284.98
20034.994	.00072	284.98	285.26	5.4216	284.98
20035.562	.00144	284.98	285.26	5.4216	284.98
20036.130	.00120	284.98	285.26	5.4216	284.98
20036.698	.00072	284.98	285.26	5.4216	284.98
20037.267	.00096	284.98	284.98	5.4216	284.98
20037.835	.00144	284.98	285.26	5.4216	284.98
20038.403	.00120	284.98	285.26	5.4216	284.98
20038.971	.00120	284.98	285.26	5.4216	284.98
20038.971	.00120	284.98	285.26	5.4216	284.98
20039.539	.00096	284.98	285.26	5.4216	284.98
20040.107	.00072	284.98	285.26	5.4216	284.98
20040.675	.00072	284.98	285.26	5.4216	284.98
20041.243	.00072	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19985.570	.00120	284.98	285.26	5.4216	284.71
19986.138	.00072	284.98	285.26	5.4216	284.98
19986.706	.00120	284.98	284.98	5.4216	284.98
19987.274	.00096	284.98	285.26	5.4216	284.98
19987.842	.00072	284.98	285.26	5.4216	284.98
19988.410	.00144	284.98	285.26	5.4216	284.71
19988.978	.00072	284.98	284.98	5.4216	284.98
19988.978	.00072	284.98	284.98	5.4216	284.98
19989.547	.00120	284.98	284.98	5.4216	284.98
19990.115	.00096	284.98	285.26	5.4216	284.98
19990.683	.00096	284.98	284.98	5.4216	284.71
19991.251	.00120	284.98	284.98	5.4216	284.98
19991.819	.00096	284.98	285.26	5.4216	284.98
19992.387	.00096	284.98	284.98	5.4216	284.98
19992.955	.00096	284.98	285.26	5.4216	284.98
19993.523	.00096	284.98	285.26	5.4216	284.98
19993.523	.00096	284.98	285.26	5.4216	284.98
19994.091	.00120	284.98	284.98	5.4216	284.71
19994.659	.00096	284.98	285.26	5.4216	284.98
19995.228	.00120	284.98	285.26	5.4216	284.98
19995.796	.00096	284.98	285.26	5.4216	284.98
19996.364	.00120	284.98	285.26	5.4216	284.71
19996.932	.00072	284.98	285.26	5.4216	284.71
19997.500	.00120	284.98	285.26	5.4216	284.71
19998.068	.00072	284.98	285.26	5.4216	284.98
19998.636	.00120	284.98	284.98	5.4216	284.98
19998.636	.00120	284.98	284.98	5.4216	284.98
19999.204	.00072	284.98	285.26	5.4216	284.98
19999.772	.00120	284.98	284.98	5.4216	284.98
20000.340	.00096	284.98	284.98	5.4216	284.98
20000.908	.00096	284.98	285.26	5.4216	284.98
20001.477	.00096	284.98	285.26	5.4216	284.71
20002.045	.00096	284.98	284.98	5.4216	284.98
20002.613	.00096	284.98	285.26	5.4216	284.71
20003.181	.00096	284.98	285.26	5.4216	284.98
20003.749	.00120	284.98	285.26	5.4216	284.98
20003.749	.00120	284.98	285.26	5.4216	284.98
20004.317	.00096	284.98	285.26	5.4216	284.98
20004.885	.00120	284.98	285.26	5.4216	284.71
20005.453	.00096	284.98	285.26	5.4216	284.98
20006.021	.00120	284.98	285.26	5.4216	284.98
20006.589	.00072	284.98	285.26	5.4216	284.98
20007.158	.00120	284.98	285.26	5.4216	284.98
20007.726	.00072	284.98	285.26	5.4216	284.98
20008.294	.00144	284.98	285.26	5.4216	284.98
20008.862	.00096	284.98	284.98	5.4216	284.98
20008.862	.00096	284.98	284.98	5.4216	284.98
20009.430	.00096	284.98	285.26	5.4216	284.98
20009.998	.00120	284.98	285.26	5.4216	284.71
20010.566	.00096	284.98	285.26	5.4216	284.71
20011.134	.00120	284.98	284.98	5.4216	284.71
20011.702	.00096	284.98	285.26	5.4216	284.98
20012.270	.00120	284.98	285.26	5.4216	284.98
20012.838	.00072	284.98	285.26	5.4216	284.98
20013.407	.00120	284.98	284.98	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19957.165	.00120	284.98	285.26	5.4216	284.71
19957.733	.00096	284.71	285.26	5.4216	284.98
19958.301	.00072	284.98	285.26	5.4216	284.98
19958.869	.00120	284.98	285.26	5.4216	284.71
19958.869	.00120	284.98	285.26	5.4216	284.71
19959.438	.00120	284.98	285.26	5.4216	284.98
19960.006	.00072	284.98	285.26	5.4216	284.71
19960.574	.00120	284.98	284.98	5.4216	284.98
19961.142	.00096	284.98	284.98	5.4216	284.98
19961.710	.00072	284.98	285.26	5.4216	284.98
19962.278	.00120	284.98	285.26	5.4216	284.98
19962.846	.00096	284.98	285.26	5.4216	284.98
19963.414	.00072	284.98	285.26	5.4216	284.98
19963.982	.00120	284.98	285.26	5.4216	284.98
19964.550	.00120	284.98	285.26	5.4216	284.98
19965.118	.00072	284.98	284.98	5.4216	284.98
19965.687	.00120	284.98	284.98	5.4216	284.98
19966.255	.00120	284.98	284.98	5.4216	284.98
19966.823	.00072	284.98	284.98	5.4216	284.98
19967.391	.00120	284.98	285.26	5.4216	284.98
19967.959	.00144	284.98	285.26	5.4216	284.98
19968.527	.00072	284.98	285.26	5.4216	284.71
19968.527	.00072	284.98	285.26	5.4216	284.71
19969.095	.00096	284.71	285.26	5.4216	284.98
19969.663	.00144	284.71	285.26	5.4216	284.98
19970.231	.00096	284.98	285.26	5.4216	284.98
19970.799	.00072	284.98	284.98	5.4216	284.71
19971.368	.00144	284.98	285.26	5.4216	284.98
19971.936	.00096	284.98	284.98	5.4216	284.98
19972.504	.00072	284.98	284.98	5.4216	284.98
19973.072	.00144	284.98	285.26	5.4216	284.71
19973.640	.00096	284.98	285.26	5.4216	284.98
19973.640	.00096	284.98	285.26	5.4216	284.98
19974.208	.00072	284.98	285.26	5.4216	284.98
19974.776	.00096	284.98	284.98	5.4216	284.98
19975.344	.00144	284.98	285.26	5.4216	284.98
19975.912	.00072	284.98	285.26	5.4216	284.98
19976.480	.00096	284.98	285.26	5.4216	284.71
19977.048	.00144	284.98	285.26	5.4216	284.98
19977.617	.00072	284.98	284.98	5.4216	284.98
19978.185	.00096	284.98	284.98	5.4216	284.98
19978.753	.00144	284.98	285.26	5.4216	284.98
19978.753	.00144	284.98	285.26	5.4216	284.98
19979.321	.00096	284.98	284.98	5.4216	284.98
19979.889	.00072	284.98	285.26	5.4216	284.98
19980.457	.00120	284.98	285.26	5.4216	284.98
19981.025	.00096	284.98	285.26	5.4216	284.98
19981.593	.00096	284.98	285.26	5.4216	284.98
19982.161	.00144	284.98	285.26	5.4216	284.71
19982.729	.00072	284.98	284.98	5.4216	284.71
19983.298	.00144	284.98	284.98	5.4216	284.98
19983.866	.00096	284.98	284.98	5.4216	284.98
19983.866	.00096	284.98	284.98	5.4216	284.98
19984.434	.00072	284.98	285.26	5.4216	284.98
19985.002	.00120	284.98	285.26	5.4216	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19928.760	.00072	284.98	284.98	5.4216	284.71
19929.328	.00120	284.98	285.26	5.4216	284.98
19929.897	.00120	284.98	284.98	5.4216	284.71
19930.465	.00096	284.98	285.26	5.4216	284.98
19931.033	.00072	284.98	285.26	5.4216	284.98
19931.601	.00120	284.98	284.98	5.4216	284.98
19932.169	.00144	284.98	285.26	5.4216	284.98
19932.737	.00096	284.98	284.98	5.4216	284.98
19933.305	.00072	284.98	285.26	5.4216	284.98
19933.873	.00072	284.98	284.98	5.4216	284.98
19933.873	.00072	284.98	284.98	5.4216	284.98
19934.441	.00120	284.98	284.98	5.4216	284.71
19935.009	.00144	284.98	285.26	5.4216	284.98
19935.578	.00144	284.71	285.26	5.4216	284.98
19936.146	.00096	284.98	285.26	5.4216	284.98
19936.714	.00072	284.98	285.26	5.4216	284.98
19937.282	.00096	284.98	285.26	5.4216	284.98
19937.850	.00120	284.98	284.98	5.4216	284.98
19938.418	.00120	284.98	284.98	5.4216	284.98
19938.418	.00120	284.98	284.98	5.4216	284.98
19938.986	.00144	284.98	285.26	5.4216	284.98
19939.554	.00120	284.98	285.26	5.4216	284.98
19940.122	.00096	284.98	285.26	5.4216	284.71
19940.690	.00072	284.98	284.98	5.4216	284.98
19941.258	.00072	284.98	285.26	5.4216	284.98
19941.827	.00096	284.98	285.26	5.4216	284.98
19942.395	.00120	284.98	285.26	5.4216	284.98
19942.963	.00144	284.98	284.98	5.4216	284.98
19943.531	.00072	284.98	285.26	5.4216	284.98
19943.531	.00072	284.98	285.26	5.4216	284.98
19944.099	.00096	284.98	285.26	5.4216	284.98
19944.667	.00120	284.98	285.26	5.4216	284.98
19945.235	.00096	284.98	285.26	5.4216	284.98
19945.803	.00072	284.98	284.98	5.4216	284.98
19946.371	.00120	284.98	285.26	5.4216	284.98
19946.939	.00144	284.98	284.98	5.4216	284.98
19947.508	.00096	284.98	285.26	5.4216	284.98
19948.076	.00072	284.98	285.26	5.4216	284.98
19948.644	.00096	284.98	285.26	5.4216	284.71
19948.644	.00096	284.98	285.26	5.4216	284.71
19949.212	.00120	284.98	284.98	5.4216	284.98
19949.780	.00144	284.98	284.98	5.4216	284.98
19950.348	.00096	284.98	285.26	5.4216	284.98
19950.916	.00072	284.98	285.26	5.4216	284.98
19951.484	.00120	284.98	285.26	5.4216	284.71
19952.052	.00144	284.98	285.26	5.4216	284.98
19952.620	.00096	284.98	285.26	5.4216	284.98
19953.188	.00072	284.71	285.26	5.4216	284.98
19953.757	.00120	284.98	285.26	5.4216	284.98
19953.757	.00120	284.98	285.26	5.4216	284.98
19954.325	.00096	284.98	284.98	5.4216	284.71
19954.893	.00096	284.98	285.26	5.4216	284.98
19955.461	.00144	284.98	285.26	5.4216	284.98
19956.029	.00096	284.98	285.26	5.4216	284.98
19956.597	.00096	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19900.924	.00072	284.98	285.26	5.4216	284.98
19901.492	.00144	284.98	284.98	5.4216	284.98
19902.060	.00096	284.71	285.26	5.4216	284.71
19902.628	.00120	284.98	285.26	5.4216	284.98
19903.196	.00120	284.98	285.26	5.4216	284.98
19903.764	.00072	284.98	284.98	5.4216	284.98
19903.764	.00072	284.98	284.98	5.4216	284.98
19904.332	.00144	284.98	285.26	5.4216	284.98
19904.900	.00096	284.98	285.26	5.4216	284.71
19905.469	.00096	284.98	285.26	5.4216	284.71
19906.037	.00144	284.98	284.98	5.4216	284.71
19906.605	.00072	284.98	284.98	5.4216	284.98
19907.173	.00120	284.98	285.26	5.4216	284.98
19907.741	.00096	284.98	285.26	5.4216	284.98
19908.309	.00096	284.98	285.26	5.4216	284.98
19908.877	.00120	284.71	284.98	5.4216	284.98
19908.877	.00120	284.71	284.98	5.4216	284.98
19909.445	.00072	284.98	285.26	5.4216	284.98
19910.013	.00120	284.98	284.98	5.4216	284.98
19910.581	.00120	284.98	285.26	5.4216	284.71
19911.149	.00072	284.98	285.26	5.4216	284.71
19911.718	.00120	284.98	285.26	5.4216	284.98
19912.286	.00096	284.71	285.26	5.4216	284.98
19912.854	.00096	284.98	284.98	5.4216	284.98
19913.422	.00120	284.98	285.26	5.4216	284.71
19913.422	.00120	284.98	285.26	5.4216	284.71
19913.990	.00072	284.98	285.26	5.4216	284.71
19914.558	.00144	284.98	285.26	5.4216	284.98
19915.126	.00072	284.98	285.26	5.4216	284.98
19915.694	.00120	284.98	285.26	5.4216	284.98
19916.262	.00096	284.98	285.26	5.4216	284.98
19916.830	.00072	284.98	285.26	5.4216	284.71
19917.399	.00144	284.98	285.26	5.4216	284.98
19917.967	.00072	284.98	285.26	5.4216	284.98
19918.535	.00120	284.98	285.26	5.4216	284.98
19918.535	.00120	284.98	285.26	5.4216	284.98
19919.103	.00096	284.98	285.26	5.4216	284.71
19919.671	.00120	284.98	285.26	5.4216	284.98
19920.239	.00096	284.98	285.26	5.4216	284.98
19920.807	.00096	284.98	284.98	5.4216	284.98
19921.375	.00096	284.98	284.98	5.4216	284.71
19921.943	.00120	284.98	285.26	5.4216	284.98
19922.511	.00144	284.71	284.98	5.4216	284.71
19923.079	.00096	284.98	285.26	5.4216	284.71
19923.648	.00072	284.98	284.98	5.4216	284.98
19923.648	.00072	284.98	284.98	5.4216	284.98
19924.216	.00120	284.98	285.26	5.4216	284.98
19924.784	.00144	284.98	285.26	5.4216	284.98
19925.352	.00096	284.98	285.26	5.4216	284.71
19925.920	.00072	284.98	285.26	5.4216	284.98
19926.488	.00072	284.98	285.26	5.4216	284.98
19927.056	.00120	284.98	284.98	5.4216	284.71
19927.624	.00144	284.98	285.26	5.4216	284.98
19928.192	.00096	284.98	285.26	5.4216	284.98
19928.760	.00072	284.98	284.98	5.4216	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19873.087	.00144	284.98	284.98	5.4216	284.98
19873.655	.00096	284.98	285.26	5.4216	284.98
19873.655	.00096	284.98	285.26	5.4216	284.98
19874.223	.00072	284.98	285.26	5.4216	284.71
19874.791	.00120	284.98	285.26	5.4216	284.71
19875.359	.00144	284.98	285.26	5.4216	284.98
19875.928	.00072	284.98	285.26	5.4216	284.98
19876.496	.00096	284.98	285.26	5.4216	284.98
19877.064	.00144	284.98	285.26	5.4216	284.71
19877.632	.00096	284.98	284.98	5.4216	284.98
19878.200	.00096	284.71	285.26	5.4216	284.98
19878.768	.00144	284.98	285.26	5.4216	284.98
19878.768	.00144	284.98	285.26	5.4216	284.98
19879.336	.00096	284.98	285.26	5.4216	284.98
19879.904	.00072	284.71	285.26	5.4216	284.98
19880.472	.00120	284.98	284.98	5.4216	284.98
19881.040	.00096	284.98	284.98	5.4216	284.98
19881.609	.00072	284.71	285.26	5.4216	284.71
19882.177	.00120	284.98	285.26	5.4216	284.98
19882.745	.00096	284.98	285.26	5.4216	284.71
19883.313	.00120	284.98	284.98	5.4216	284.71
19883.881	.00072	284.71	285.26	5.4216	284.98
19883.881	.00072	284.71	285.26	5.4216	284.98
19884.449	.00120	284.98	284.98	5.4216	284.71
19885.017	.00072	284.98	285.26	5.4216	284.98
19885.585	.00120	284.98	284.98	5.4216	284.98
19886.153	.00096	284.98	284.98	5.4216	284.98
19886.721	.00120	284.98	285.26	5.4216	284.98
19887.289	.00096	284.98	285.26	5.4216	284.98
19887.858	.00144	284.98	285.26	5.4216	284.71
19888.426	.00072	284.98	285.26	5.4216	284.71
19888.426	.00072	284.98	285.26	5.4216	284.71
19888.994	.00120	284.98	285.26	5.4216	284.71
19889.562	.00096	284.98	285.26	5.4216	284.98
19890.130	.00096	284.98	285.26	5.4216	284.98
19890.698	.00096	284.98	285.26	5.4216	284.98
19891.266	.00120	284.98	284.98	5.4216	284.98
19891.834	.00072	284.98	284.98	5.4216	284.98
19892.402	.00144	284.98	285.26	5.4216	284.98
19892.970	.00072	284.98	285.26	5.4216	284.98
19893.539	.00120	284.98	285.26	5.4216	284.71
19893.539	.00120	284.98	285.26	5.4216	284.71
19894.107	.00120	284.98	285.26	5.4216	284.71
19894.675	.00096	284.98	285.26	5.4216	284.71
19895.243	.00144	284.98	285.26	5.4216	284.98
19895.811	.00072	284.98	285.26	5.4216	284.98
19896.379	.00120	284.98	285.26	5.4216	284.71
19896.947	.00096	284.98	284.98	5.4216	284.71
19897.515	.00096	284.98	285.26	5.4216	284.71
19898.083	.00144	284.98	284.98	5.4216	284.98
19898.651	.00072	284.98	284.98	5.4216	284.98
19898.651	.00072	284.98	284.98	5.4216	284.98
19899.219	.00096	284.98	285.26	5.4216	284.71
19899.788	.00144	284.98	285.26	5.4216	284.71
19900.356	.00096	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19844.682	.00120	284.71	285.26	5.4216	284.71
19845.250	.00144	284.98	284.98	5.4216	284.98
19845.819	.00096	284.98	285.26	5.4216	284.71
19846.387	.00072	284.98	285.26	5.4216	284.98
19846.955	.00072	284.98	284.98	5.4216	284.98
19847.523	.00096	284.98	284.98	5.4216	284.98
19848.091	.00144	284.98	285.26	5.4216	284.71
19848.659	.00096	284.98	285.26	5.4216	284.71
19848.659	.00096	284.98	285.26	5.4216	284.71
19849.227	.00072	284.98	285.26	5.4216	284.98
19849.795	.00096	284.98	285.26	5.4216	284.98
19850.363	.00120	284.98	284.98	5.4216	284.98
19850.931	.00120	284.98	285.26	5.4216	284.98
19851.499	.00072	284.98	285.26	5.4216	284.71
19852.068	.00120	284.98	285.26	5.4216	284.71
19852.636	.00120	284.98	284.98	5.4216	284.98
19853.204	.00120	284.98	285.26	5.4216	284.98
19853.772	.00096	284.98	285.26	5.4216	284.98
19853.772	.00096	284.98	285.26	5.4216	284.98
19854.340	.00072	284.98	285.26	5.4216	284.71
19854.908	.00120	284.98	285.26	5.4216	284.98
19855.476	.00144	284.98	284.98	5.4216	284.98
19856.044	.00120	284.98	285.26	5.4216	284.98
19856.612	.00072	284.98	285.26	5.4216	284.71
19857.180	.00096	284.98	285.26	5.4216	284.71
19857.749	.00144	284.98	284.98	5.4216	284.98
19858.317	.00120	284.98	284.98	5.4216	284.98
19858.885	.00072	284.98	284.98	5.4216	284.98
19858.885	.00072	284.98	284.98	5.4216	284.98
19859.453	.00096	284.98	285.26	5.4216	284.71
19860.021	.00120	284.98	285.26	5.4216	284.98
19860.589	.00120	284.98	285.26	5.4216	284.98
19861.157	.00072	284.98	285.26	5.4216	284.98
19861.725	.00072	284.98	285.26	5.4216	284.98
19862.293	.00120	284.98	285.26	5.4216	284.98
19862.861	.00120	284.98	285.26	5.4216	284.98
19863.429	.00072	284.98	285.26	5.4216	284.71
19863.429	.00072	284.98	285.26	5.4216	284.71
19863.998	.00072	284.98	285.26	5.4216	284.98
19864.566	.00120	284.71	284.98	5.4216	284.98
19865.134	.00120	284.98	285.26	5.4216	284.98
19865.702	.00120	284.71	284.98	5.4216	284.71
19866.270	.00096	284.98	285.26	5.4216	284.71
19866.838	.00072	284.71	285.26	5.4216	284.98
19867.406	.00120	284.98	284.98	5.4216	284.98
19867.974	.00144	284.98	285.26	5.4216	284.98
19868.542	.00120	284.98	285.26	5.4216	284.71
19868.542	.00120	284.98	285.26	5.4216	284.71
19869.110	.00072	284.98	285.26	5.4216	284.71
19869.679	.00072	284.98	284.98	5.4216	284.98
19870.247	.00096	284.98	285.26	5.4216	284.98
19870.815	.00144	284.98	284.98	5.4216	284.71
19871.383	.00120	284.98	285.26	5.4216	284.98
19871.951	.00072	284.98	284.98	5.4216	284.98
19872.519	.00096	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19816.846	.00144	284.98	285.26	5.4216	284.98
19817.414	.00144	284.98	285.26	5.4216	284.71
19817.982	.00144	284.98	285.26	5.4216	284.98
19818.550	.00144	284.98	285.26	5.4216	284.98
19818.550	.00144	284.98	285.26	5.4216	284.98
19819.118	.00120	284.98	284.98	5.4216	284.98
19819.686	.00120	284.98	285.26	5.4216	284.98
19820.254	.00096	284.98	285.26	5.4216	284.71
19820.822	.00072	284.98	284.98	5.4216	284.98
19821.390	.00072	284.98	285.26	5.4216	284.98
19821.959	.00096	284.98	285.26	5.4216	284.98
19822.527	.00120	284.98	285.26	5.4216	284.71
19823.095	.00120	284.98	285.26	5.4216	284.71
19823.663	.00144	284.98	284.98	5.4216	284.98
19823.663	.00144	284.98	284.98	5.4216	284.98
19824.231	.00096	284.98	285.26	5.4216	284.71
19824.799	.00096	284.98	285.26	5.4216	284.71
19825.367	.00072	284.98	285.26	5.4216	284.98
19825.935	.00096	284.98	285.26	5.4216	284.98
19826.503	.00120	284.98	285.26	5.4216	284.71
19827.071	.00144	284.98	285.26	5.4216	284.98
19827.639	.00096	284.98	285.26	5.4216	284.71
19828.208	.00072	284.98	285.26	5.4216	284.71
19828.776	.00096	284.98	285.26	5.4216	284.98
19828.776	.00096	284.98	285.26	5.4216	284.98
19829.344	.00120	284.98	285.26	5.4216	284.71
19829.912	.00144	284.98	285.26	5.4216	284.98
19830.480	.00096	284.98	284.98	5.4216	284.98
19831.048	.00072	284.98	285.26	5.4216	284.98
19831.616	.00096	284.98	285.26	5.4216	284.71
19832.184	.00120	284.98	285.26	5.4216	284.98
19832.752	.00144	284.98	285.26	5.4216	284.98
19833.320	.00144	284.98	285.26	5.4216	284.71
19833.889	.00120	284.98	285.26	5.4216	284.98
19833.889	.00120	284.98	285.26	5.4216	284.98
19834.457	.00120	284.98	285.26	5.4216	284.71
19835.025	.00096	284.98	285.26	5.4216	284.98
19835.593	.00096	284.98	285.26	5.4216	284.98
19836.161	.00072	284.98	285.26	5.4216	284.71
19836.729	.00072	284.98	285.26	5.4216	284.71
19837.297	.00072	284.98	284.98	5.4216	284.98
19837.865	.00120	284.98	285.26	5.4216	284.71
19838.433	.00120	284.98	284.98	5.4216	284.98
19838.433	.00120	284.98	284.98	5.4216	284.98
19839.001	.00144	284.98	285.26	5.4216	284.71
19839.569	.00120	284.98	285.26	5.4216	284.71
19840.138	.00096	284.98	285.26	5.4216	284.71
19840.706	.00072	284.98	284.98	5.4216	284.71
19841.274	.00096	284.98	285.26	5.4216	284.98
19841.842	.00120	284.98	285.26	5.4216	284.98
19842.410	.00144	284.98	285.26	5.4216	284.71
19842.978	.00096	284.98	285.26	5.4216	284.98
19843.546	.00072	284.98	285.26	5.4216	284.98
19843.546	.00072	284.98	285.26	5.4216	284.98
19844.114	.00120	284.98	284.98	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19788.441	.00096	284.98	285.26	5.4216	284.98
19789.009	.00072	284.98	285.26	5.4216	284.71
19789.577	.00096	284.98	285.26	5.4216	284.98
19790.145	.00096	284.98	284.98	5.4216	284.98
19790.713	.00144	284.98	284.98	5.4216	284.98
19791.281	.00144	284.98	285.26	5.4216	284.98
19791.850	.00120	284.98	285.26	5.4216	284.98
19792.418	.00072	284.98	285.26	5.4216	284.98
19792.986	.00072	284.98	285.26	5.4216	284.98
19793.554	.00120	284.98	285.26	5.4216	284.71
19793.554	.00120	284.98	285.26	5.4216	284.71
19794.122	.00144	284.98	285.26	5.4216	284.98
19794.690	.00120	284.98	285.26	5.4216	284.98
19795.258	.00096	284.98	285.26	5.4216	284.71
19795.826	.00072	284.98	285.26	5.4216	284.98
19796.394	.00096	284.98	284.98	5.4216	284.98
19796.962	.00096	284.98	285.26	5.4216	284.98
19797.530	.00120	284.98	284.98	5.4216	284.71
19798.099	.00144	284.98	285.26	5.4216	284.98
19798.667	.00144	284.98	285.26	5.4216	284.98
19798.667	.00144	284.98	285.26	5.4216	284.98
19799.235	.00120	284.98	284.98	5.4216	284.98
19799.803	.00120	284.98	284.98	5.4216	284.98
19800.371	.00120	284.98	285.26	5.4216	284.71
19800.939	.00120	284.98	285.26	5.4216	284.98
19801.507	.00120	284.98	284.98	5.4216	284.98
19802.075	.00120	284.98	284.98	5.4216	284.98
19802.643	.00096	284.71	285.26	5.4216	284.98
19803.211	.00072	284.98	285.26	5.4216	284.98
19803.780	.00072	284.98	284.98	5.4216	284.98
19803.780	.00072	284.98	284.98	5.4216	284.98
19804.348	.00072	284.98	285.26	5.4216	284.98
19804.916	.00072	284.98	285.26	5.4216	284.98
19805.484	.00072	284.98	285.26	5.4216	284.98
19806.052	.00072	284.98	284.98	5.4216	284.71
19806.620	.00072	284.98	285.26	5.4216	284.71
19807.188	.00096	284.98	285.26	5.4216	284.98
19807.756	.00096	284.98	284.98	5.4216	284.98
19808.324	.00120	284.98	285.26	5.4216	284.98
19808.892	.00120	284.98	285.26	5.4216	284.98
19808.892	.00120	284.98	285.26	5.4216	284.98
19809.460	.00120	284.98	284.98	5.4216	284.71
19810.029	.00120	284.98	285.26	5.4216	284.71
19810.597	.00120	284.98	284.98	5.4216	284.98
19811.165	.00096	284.98	285.26	5.4216	284.71
19811.733	.00120	284.98	285.26	5.4216	284.71
19812.301	.00120	284.98	284.98	5.4216	284.98
19812.869	.00120	284.98	285.26	5.4216	284.98
19813.437	.00120	284.98	284.98	5.4216	284.98
19813.437	.00120	284.98	284.98	5.4216	284.98
19814.005	.00144	284.98	285.26	5.4216	284.98
19814.573	.00144	284.98	285.26	5.4216	284.98
19815.141	.00144	284.98	284.98	5.4216	284.98
19815.709	.00144	284.98	285.26	5.4216	284.98
19816.278	.00144	284.98	284.98	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19760.604	.00072	284.98	285.26	5.4216	284.71
19761.172	.00144	284.98	284.98	5.4216	284.71
19761.740	.00120	284.98	285.26	5.4216	284.98
19762.309	.00072	284.98	285.26	5.4216	284.98
19762.877	.00096	284.98	285.26	5.4216	284.98
19763.445	.00144	284.98	285.26	5.4216	284.98
19763.445	.00144	284.98	285.26	5.4216	284.98
19764.013	.00072	284.98	285.26	5.4216	284.71
19764.581	.00120	284.98	285.26	5.4216	284.98
19765.149	.00120	284.98	285.26	5.4216	284.98
19765.717	.00072	284.98	285.26	5.4216	284.98
19766.285	.00120	284.98	285.26	5.4216	284.98
19766.853	.00120	284.98	285.26	5.4216	284.71
19767.421	.00072	284.98	285.26	5.4216	284.98
19767.990	.00096	284.98	284.98	5.4216	284.98
19768.558	.00144	284.98	285.26	5.4216	284.98
19768.558	.00144	284.98	285.26	5.4216	284.98
19769.126	.00120	284.98	285.26	5.4216	284.71
19769.694	.00072	284.98	285.26	5.4216	284.71
19770.262	.00120	284.98	285.26	5.4216	284.71
19770.830	.00144	284.98	285.26	5.4216	284.71
19771.398	.00096	284.98	285.26	5.4216	284.98
19771.966	.00072	284.98	285.26	5.4216	284.98
19772.534	.00120	284.98	285.26	5.4216	284.71
19773.102	.00120	284.71	284.98	5.4216	284.98
19773.670	.00072	284.98	285.26	5.4216	284.98
19773.670	.00072	284.98	285.26	5.4216	284.98
19774.239	.00096	284.98	285.26	5.4216	284.71
19774.807	.00144	284.98	285.26	5.4216	284.71
19775.375	.00120	284.98	285.26	5.4216	284.98
19775.943	.00072	284.98	284.98	5.4216	284.98
19776.511	.00096	284.71	285.26	5.4216	284.98
19777.079	.00144	284.98	285.26	5.4216	284.71
19777.647	.00120	284.98	285.26	5.4216	284.71
19778.215	.00096	284.98	285.26	5.4216	284.71
19778.783	.00072	284.98	285.26	5.4216	284.98
19778.783	.00072	284.98	285.26	5.4216	284.98
19779.351	.00120	284.98	285.26	5.4216	284.98
19779.920	.00144	284.98	285.26	5.4216	284.98
19780.488	.00120	284.98	285.26	5.4216	284.98
19781.056	.00096	284.98	285.26	5.4216	284.71
19781.624	.00072	284.98	284.98	5.4216	284.98
19782.192	.00072	284.98	285.26	5.4216	284.71
19782.760	.00096	284.98	285.26	5.4216	284.71
19783.328	.00120	284.98	285.26	5.4216	284.71
19783.896	.00144	284.98	285.26	5.4216	284.98
19783.896	.00144	284.98	285.26	5.4216	284.98
19784.464	.00120	284.98	284.98	5.4216	284.98
19785.032	.00072	284.98	285.26	5.4216	284.98
19785.600	.00072	284.98	285.26	5.4216	284.98
19786.169	.00096	284.98	285.26	5.4216	284.71
19786.737	.00120	284.98	285.26	5.4216	284.98
19787.305	.00144	284.98	284.98	5.4216	284.98
19787.873	.00120	284.98	284.98	5.4216	284.71
19788.441	.00096	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19732.768	.00072	284.98	285.26	5.4216	284.98
19733.336	.00144	284.98	284.98	5.4216	284.98
19733.904	.00120	284.98	284.98	5.4216	284.98
19733.904	.00120	284.98	284.98	5.4216	284.98
19734.472	.00072	284.98	285.26	5.4216	284.71
19735.040	.00120	284.98	285.26	5.4216	284.71
19735.608	.00144	284.98	285.26	5.4216	284.98
19736.176	.00072	284.98	285.26	5.4216	284.98
19736.744	.00096	284.98	284.98	5.4216	284.98
19737.312	.00120	284.98	285.26	5.4216	284.98
19737.880	.00072	284.98	285.26	5.4216	284.98
19738.449	.00120	284.98	284.98	5.4216	284.71
19738.449	.00120	284.98	284.98	5.4216	284.71
19739.017	.00144	284.98	285.26	5.4216	284.98
19739.585	.00072	284.98	284.98	5.4216	284.98
19740.153	.00096	284.98	285.26	5.4216	284.98
19740.721	.00144	284.98	285.26	5.4216	284.71
19741.289	.00072	284.98	284.98	5.4216	284.98
19741.857	.00120	284.98	285.26	5.4216	284.98
19742.425	.00120	284.98	284.98	5.4216	284.71
19742.993	.00096	284.98	284.98	5.4216	284.98
19743.561	.00144	284.98	285.26	5.4216	284.71
19743.561	.00144	284.98	285.26	5.4216	284.71
19744.130	.00096	284.98	284.98	5.4216	284.98
19744.698	.00096	284.71	285.26	5.4216	284.71
19745.266	.00120	284.98	285.26	5.4216	284.98
19745.834	.00096	284.98	285.26	5.4216	284.98
19746.402	.00144	284.71	285.26	5.4216	284.71
19746.970	.00072	284.98	285.26	5.4216	284.71
19747.538	.00120	284.98	285.26	5.4216	284.71
19748.106	.00120	284.98	284.98	5.4216	284.98
19748.674	.00072	284.98	285.26	5.4216	284.71
19748.674	.00072	284.98	285.26	5.4216	284.71
19749.242	.00144	284.71	284.98	5.4216	284.98
19749.810	.00096	284.71	284.98	5.4216	284.71
19750.379	.00120	284.98	285.26	5.4216	284.71
19750.947	.00096	284.98	284.98	5.4216	284.98
19751.515	.00096	284.98	285.26	5.4216	284.98
19752.083	.00144	284.98	285.26	5.4216	284.71
19752.651	.00096	284.98	285.26	5.4216	284.71
19753.219	.00144	284.98	285.26	5.4216	284.98
19753.787	.00072	284.98	285.26	5.4216	284.98
19753.787	.00072	284.98	285.26	5.4216	284.98
19754.355	.00120	284.98	285.26	5.4216	284.98
19754.923	.00120	284.98	284.98	5.4216	284.98
19755.491	.00096	284.98	285.26	5.4216	284.98
19756.060	.00144	284.98	284.98	5.4216	284.98
19756.628	.00096	284.98	284.98	5.4216	284.98
19757.196	.00096	284.98	285.26	5.4216	284.98
19757.764	.00144	284.98	285.26	5.4216	284.98
19758.332	.00096	284.98	285.26	5.4216	284.98
19758.900	.00096	284.98	285.26	5.4216	284.98
19758.900	.00096	284.98	285.26	5.4216	284.98
19759.468	.00144	284.98	285.26	5.4216	284.71
19760.036	.00096	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19704.363	.00120	284.98	285.26	5.4216	284.71
19704.931	.00144	284.98	285.26	5.4216	284.98
19705.499	.00144	284.98	284.98	5.4216	284.71
19706.067	.00120	284.98	285.26	5.4216	284.98
19706.635	.00096	284.98	284.98	5.4216	284.98
19707.203	.00096	284.98	285.26	5.4216	284.98
19707.771	.00096	284.71	285.26	5.4216	284.98
19708.340	.00144	284.98	285.26	5.4216	284.98
19708.908	.00120	284.98	285.26	5.4216	284.71
19708.908	.00120	284.98	285.26	5.4216	284.71
19709.476	.00072	284.98	285.26	5.4216	284.71
19710.044	.00120	284.98	284.98	5.4216	284.98
19710.612	.00120	284.98	285.26	5.4216	284.98
19711.180	.00072	284.98	285.26	5.4216	284.71
19711.748	.00120	284.98	285.26	5.4216	284.98
19712.316	.00144	284.98	285.26	5.4216	284.98
19712.884	.00096	284.98	285.26	5.4216	284.98
19713.452	.00096	284.71	285.26	5.4216	284.98
19713.452	.00096	284.71	285.26	5.4216	284.98
19714.021	.00120	284.98	284.98	5.4216	284.98
19714.589	.00144	284.98	285.26	5.4216	284.71
19715.157	.00072	284.98	285.26	5.4216	284.98
19715.725	.00096	284.98	285.26	5.4216	284.98
19716.293	.00144	284.98	285.26	5.4216	284.98
19716.861	.00096	284.98	285.26	5.4216	284.98
19717.429	.00072	284.98	285.26	5.4216	284.98
19717.997	.00120	284.98	285.26	5.4216	284.71
19718.565	.00120	284.98	285.26	5.4216	284.71
19718.565	.00120	284.98	285.26	5.4216	284.71
19719.133	.00072	284.98	284.98	5.4216	284.98
19719.701	.00120	284.98	285.26	5.4216	284.98
19720.270	.00144	284.98	285.26	5.4216	284.71
19720.838	.00072	284.98	284.98	5.4216	284.98
19721.406	.00096	284.98	285.26	5.4216	284.98
19721.974	.00144	284.98	284.98	5.4216	284.98
19722.542	.00096	284.98	284.98	5.4216	284.98
19723.110	.00096	284.98	285.26	5.4216	284.71
19723.678	.00144	284.98	284.98	5.4216	284.71
19723.678	.00144	284.98	284.98	5.4216	284.71
19724.246	.00120	284.98	285.26	5.4216	284.71
19724.814	.00096	284.98	285.26	5.4216	284.98
19725.382	.00096	284.98	285.26	5.4216	284.98
19725.951	.00144	284.71	285.26	5.4216	284.98
19726.519	.00120	284.98	285.26	5.4216	284.98
19727.087	.00072	284.98	285.26	5.4216	284.98
19727.655	.00096	284.98	284.98	5.4216	284.98
19728.223	.00144	284.98	285.26	5.4216	284.98
19728.791	.00096	284.98	285.26	5.4216	284.98
19728.791	.00096	284.98	285.26	5.4216	284.98
19729.359	.00096	284.98	285.26	5.4216	284.71
19729.927	.00144	284.98	285.26	5.4216	284.71
19730.495	.00120	284.98	285.26	5.4216	284.98
19731.063	.00096	284.98	284.98	5.4216	284.98
19731.631	.00144	284.98	285.26	5.4216	284.98
19732.200	.00120	284.98	285.26	5.4216	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19676.526	.00096	284.98	285.26	5.4216	284.98
19677.094	.00144	284.98	285.26	5.4216	284.98
19677.662	.00144	284.98	285.26	5.4216	284.71
19678.231	.00072	284.98	284.98	5.4216	284.71
19678.799	.00096	284.98	285.26	5.4216	284.71
19678.799	.00096	284.98	285.26	5.4216	284.71
19679.367	.00144	284.98	284.98	5.4216	284.98
19679.935	.00120	284.98	284.98	5.4216	284.98
19680.503	.00096	284.98	285.26	5.4216	284.71
19681.071	.00096	284.98	285.26	5.4216	284.71
19681.639	.00144	284.98	284.98	5.4216	284.98
19682.207	.00144	284.71	284.98	5.4216	284.71
19682.775	.00096	284.98	284.98	5.4216	284.98
19683.343	.00096	284.98	285.26	5.4216	284.98
19683.911	.00144	284.98	285.26	5.4216	284.71
19683.911	.00144	284.98	285.26	5.4216	284.71
19684.480	.00120	284.98	284.98	5.4216	284.98
19685.048	.00072	284.98	285.26	5.4216	284.71
19685.616	.00096	284.98	284.98	5.4216	284.71
19686.184	.00144	284.98	285.26	5.4216	284.98
19686.752	.00120	284.98	285.26	5.4216	284.71
19687.320	.00096	284.98	285.26	5.4216	284.98
19687.888	.00096	284.98	284.98	5.4216	284.71
19688.456	.00096	284.98	284.98	5.4216	284.98
19688.456	.00096	284.98	284.98	5.4216	284.98
19689.024	.00120	284.98	285.26	5.4216	284.98
19689.592	.00144	284.98	285.26	5.4216	284.98
19690.161	.00096	284.98	285.26	5.4216	284.71
19690.729	.00096	284.98	284.98	5.4216	284.98
19691.297	.00144	284.98	285.26	5.4216	284.98
19691.865	.00120	284.98	285.26	5.4216	284.98
19692.433	.00072	284.98	285.26	5.4216	284.71
19693.001	.00120	284.98	284.98	5.4216	284.71
19693.569	.00144	284.98	285.26	5.4216	284.98
19693.569	.00144	284.98	285.26	5.4216	284.98
19694.137	.00096	284.98	284.98	5.4216	284.71
19694.705	.00096	284.98	285.26	5.4216	284.71
19695.273	.00120	284.98	285.26	5.4216	284.98
19695.841	.00144	284.98	285.26	5.4216	284.71
19696.410	.00144	284.98	285.26	5.4216	284.71
19696.978	.00096	284.98	284.98	5.4216	284.98
19697.546	.00072	284.98	285.26	5.4216	284.98
19698.114	.00096	284.98	284.98	5.4216	284.98
19698.682	.00120	284.98	285.26	5.4216	284.71
19698.682	.00120	284.98	285.26	5.4216	284.71
19699.250	.00144	284.98	284.98	5.4216	284.71
19699.818	.00144	284.98	284.98	5.4216	284.98
19700.386	.00120	284.98	285.26	5.4216	284.98
19700.954	.00072	284.98	284.98	5.4216	284.71
19701.522	.00096	284.98	285.26	5.4216	284.98
19702.091	.00144	284.98	284.98	5.4216	284.98
19702.659	.00120	284.98	285.26	5.4216	284.71
19703.227	.00072	284.98	285.26	5.4216	284.71
19703.795	.00096	284.98	284.98	5.4216	284.71
19703.795	.00096	284.98	284.98	5.4216	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19648.690	.00120	284.98	284.98	4.3416	284.98
19648.690	.00120	284.98	284.98	4.3416	284.98
19649.258	.00096	284.98	285.26	4.3848	284.71
19649.826	.00144	284.98	285.26	4.4712	284.98
19650.394	.00120	284.98	285.26	4.5144	284.98
19650.962	.00096	284.71	285.26	4.5576	284.98
19651.530	.00144	284.98	285.26	4.6008	284.98
19652.098	.00096	284.71	285.26	4.6440	284.98
19652.666	.00144	284.98	285.26	4.6656	284.71
19653.234	.00096	284.98	284.98	4.7088	284.98
19653.802	.00144	284.98	285.26	4.7304	284.98
19653.802	.00144	284.98	285.26	4.7304	284.98
19654.371	.00120	284.98	285.26	4.7952	284.98
19654.939	.00096	284.98	285.26	4.8600	284.98
19655.507	.00144	284.98	285.26	4.9032	284.71
19656.075	.00096	284.98	284.98	4.9032	284.71
19656.643	.00096	284.98	285.26	4.9248	284.98
19657.211	.00144	284.98	285.26	4.9464	284.71
19657.779	.00096	284.98	285.26	4.9464	284.71
19658.347	.00144	284.98	285.26	4.9248	284.71
19658.915	.00096	284.98	285.26	4.9896	284.98
19658.915	.00096	284.98	285.26	4.9896	284.98
19659.483	.00120	284.98	285.26	5.1192	284.98
19660.052	.00144	284.98	285.26	5.2272	284.98
19660.620	.00096	284.98	285.26	5.3352	284.98
19661.188	.00144	284.98	285.26	5.4000	284.71
19661.756	.00120	284.98	285.26	5.4216	284.98
19662.324	.00096	284.98	285.26	5.4216	284.71
19662.892	.00144	284.98	284.98	5.4216	284.98
19663.460	.00096	284.98	285.26	5.4216	284.71
19663.460	.00096	284.98	285.26	5.4216	284.71
19664.028	.00120	284.98	285.26	5.4216	284.98
19664.596	.00144	284.98	285.26	5.4216	284.71
19665.164	.00096	284.98	285.26	5.4216	284.98
19665.732	.00144	284.98	284.98	5.4216	284.98
19666.301	.00072	284.98	285.26	5.4216	284.71
19666.869	.00144	284.98	285.26	5.4216	284.71
19667.437	.00096	284.98	285.26	5.4216	284.98
19668.005	.00144	284.98	285.26	5.4216	284.98
19668.573	.00096	284.98	285.26	5.4216	284.98
19668.573	.00096	284.98	285.26	5.4216	284.98
19669.141	.00144	284.98	285.26	5.4216	284.71
19669.709	.00096	284.98	285.26	5.4216	284.71
19670.277	.00120	284.98	285.26	5.4216	284.98
19670.845	.00120	284.98	285.26	5.4216	284.98
19671.413	.00096	284.98	285.26	5.4216	284.98
19671.982	.00144	284.98	285.26	5.4216	284.98
19672.550	.00096	284.98	285.26	5.4216	284.71
19673.118	.00144	284.98	285.26	5.4216	284.98
19673.686	.00096	284.71	285.26	5.4216	284.98
19673.686	.00096	284.71	285.26	5.4216	284.98
19674.254	.00144	284.98	284.98	5.4216	284.98
19674.822	.00096	284.98	285.26	5.4216	284.71
19675.390	.00144	284.98	285.26	5.4216	284.98
19675.958	.00120	284.98	285.26	5.4216	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19620.285	.00120	284.98	284.98	2.7648	284.98
19620.853	.00120	284.98	285.26	2.7864	284.71
19621.421	.00144	284.98	285.26	2.8080	284.98
19621.989	.00144	284.98	285.26	2.8512	284.98
19622.557	.00168	284.98	285.26	2.8728	284.98
19623.125	.00144	284.98	285.26	2.9160	284.98
19623.693	.00120	284.98	285.26	2.9376	284.98
19623.693	.00120	284.98	285.26	2.9376	284.98
19624.262	.00096	284.98	285.26	2.9808	284.98
19624.830	.00144	284.98	285.26	3.0240	284.98
19625.398	.00144	284.98	285.26	3.0456	284.98
19625.966	.00096	284.98	285.26	3.0672	284.98
19626.534	.00144	284.98	285.26	3.0888	284.98
19627.102	.00168	284.98	285.26	3.1320	284.98
19627.670	.00144	284.98	285.26	3.1536	284.98
19628.238	.00096	284.98	285.26	3.1752	284.71
19628.806	.00096	284.98	284.98	3.1968	284.98
19628.806	.00096	284.98	284.98	3.1968	284.98
19629.374	.00144	284.98	285.26	3.2400	284.98
19629.942	.00144	284.98	285.26	3.2616	284.71
19630.511	.00120	284.98	285.26	3.2832	284.71
19631.079	.00144	284.98	284.98	3.3048	284.71
19631.647	.00144	284.98	284.98	3.3264	284.71
19632.215	.00120	284.98	285.26	3.3480	284.98
19632.783	.00096	284.98	285.26	3.3912	284.98
19633.351	.00120	284.98	285.26	3.4128	284.71
19633.919	.00144	284.98	285.26	3.4344	284.71
19633.919	.00144	284.98	285.26	3.4344	284.71
19634.487	.00144	284.98	284.98	3.4560	284.71
19635.055	.00096	284.98	285.26	3.4992	284.71
19635.623	.00096	284.98	285.26	3.5208	284.98
19636.192	.00144	284.98	285.26	3.5424	284.98
19636.760	.00168	284.98	285.26	3.5856	284.98
19637.328	.00120	284.98	285.26	3.5856	284.98
19637.896	.00096	284.98	285.26	3.6072	284.98
19638.464	.00120	284.98	285.26	3.6288	284.71
19638.464	.00120	284.98	285.26	3.6288	284.71
19639.032	.00144	284.98	284.98	3.6720	284.71
19639.600	.00168	284.98	285.26	3.6936	284.71
19640.168	.00120	284.98	285.26	3.7368	284.98
19640.736	.00096	284.98	285.26	3.7584	284.98
19641.304	.00120	284.98	284.98	3.8016	284.71
19641.872	.00168	284.98	285.26	3.8232	284.98
19642.441	.00144	284.98	285.26	3.8448	284.98
19643.009	.00096	284.71	285.26	3.8880	284.98
19643.577	.00096	284.98	285.26	3.9096	284.71
19643.577	.00096	284.98	285.26	3.9096	284.71
19644.145	.00144	284.71	285.26	3.9528	284.98
19644.713	.00144	284.98	285.26	4.0176	284.71
19645.281	.00096	284.98	285.26	4.0608	284.98
19645.849	.00120	284.98	285.26	4.1040	284.71
19646.417	.00144	284.98	285.26	4.1688	284.98
19646.985	.00120	284.98	285.26	4.2120	284.71
19647.553	.00096	284.98	284.98	4.2336	284.98
19648.122	.00144	284.98	284.98	4.2768	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19591.880	.00984	284.98	285.26	1.3824	284.98
19592.448	.00984	284.98	285.26	1.4040	284.71
19593.016	.01008	284.98	285.26	1.4256	284.71
19593.584	.01032	284.98	284.98	1.4472	284.71
19593.584	.01032	284.98	284.98	1.4472	284.71
19594.153	.01032	284.98	284.98	1.4688	284.98
19594.721	.01104	284.71	285.26	1.4904	284.71
19595.289	.01104	284.98	285.26	1.4904	284.71
19595.857	.01056	284.98	285.26	1.5120	284.98
19596.425	.01152	284.98	285.26	1.5336	284.71
19596.993	.01080	284.98	285.26	1.5552	284.71
19597.561	.01152	284.98	285.26	1.5768	284.71
19598.129	.01176	284.98	285.26	1.5984	284.98
19598.697	.01152	284.98	285.26	1.5984	284.98
19598.697	.01152	284.98	285.26	1.5984	284.98
19599.265	.01152	284.98	285.26	1.6200	284.71
19599.833	.01152	284.98	285.26	1.6200	284.71
19600.402	.01200	284.98	285.26	1.6416	284.98
19600.970	.01056	284.98	285.26	1.6416	284.71
19601.538	.00888	284.98	285.26	1.6632	284.98
19602.106	.00792	284.98	285.26	1.6848	284.71
19602.674	.00696	284.98	285.26	1.7064	284.98
19603.242	.00648	284.71	284.98	1.7280	284.71
19603.810	.00504	284.98	285.26	1.7496	284.98
19603.810	.00504	284.98	285.26	1.7496	284.98
19604.378	.00432	284.98	284.98	1.7928	284.98
19604.946	.00360	284.98	285.26	1.8144	284.71
19605.514	.00360	284.98	285.26	1.8360	284.98
19606.083	.00264	284.98	285.26	1.8576	284.71
19606.651	.00264	284.98	285.26	1.9008	284.71
19607.219	.00288	284.98	285.26	1.9440	284.71
19607.787	.00192	284.98	284.98	2.0088	284.98
19608.355	.00240	284.98	285.26	2.0520	284.98
19608.923	.00168	284.98	285.26	2.0952	284.71
19609.491	.00216	284.98	285.26	2.1384	284.98
19610.059	.00168	284.98	285.26	2.1816	284.98
19610.627	.00144	284.98	285.26	2.2032	284.98
19611.195	.00168	284.98	285.26	2.2248	284.98
19611.763	.00192	284.98	284.98	2.2464	284.98
19612.332	.00192	284.98	285.26	2.2680	284.98
19612.900	.00168	284.98	284.98	2.3112	284.71
19613.468	.00168	284.98	285.26	2.3328	284.98
19613.468	.00168	284.98	285.26	2.3328	284.98
19614.036	.00168	284.98	284.98	2.3976	284.98
19614.604	.00144	284.98	285.26	2.4408	284.71
19615.172	.00120	284.98	285.26	2.4840	284.98
19615.740	.00096	284.98	285.26	2.5056	284.71
19616.308	.00120	284.98	285.26	2.5488	284.71
19616.876	.00120	284.98	284.98	2.5920	284.98
19617.444	.00120	284.98	284.98	2.6136	284.71
19618.013	.00120	284.98	285.26	2.6568	284.71
19618.581	.00120	284.98	285.26	2.6784	284.98
19618.581	.00120	284.98	285.26	2.6784	284.98
19619.149	.00120	284.98	285.26	2.7000	284.71
19619.717	.00120	284.98	284.98	2.7432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19563.475	.00432	284.98	285.26	.5184	284.71
19564.044	.00480	284.98	285.26	.5184	284.71
19564.612	.00456	284.98	285.26	.5400	284.98
19565.180	.00456	284.98	285.26	.5832	284.71
19565.748	.00504	284.98	285.26	.6048	284.71
19566.316	.00528	284.98	285.26	.6480	284.98
19566.884	.00480	284.98	285.26	.6696	284.71
19567.452	.00528	284.98	285.26	.7128	284.71
19568.020	.00552	284.98	285.26	.7128	284.71
19568.588	.00528	284.98	285.26	.7344	284.71
19568.588	.00528	284.98	285.26	.7344	284.71
19569.156	.00600	284.98	284.98	.7560	284.71
19569.724	.00552	284.98	285.26	.7776	284.98
19570.293	.00624	284.98	285.26	.7776	284.98
19570.861	.00624	284.98	284.98	.7776	284.71
19571.429	.00600	284.98	285.26	.7776	284.98
19571.997	.00648	284.98	285.26	.7776	284.71
19572.565	.00648	284.98	284.98	.7776	284.71
19573.133	.00624	284.98	285.26	.7992	284.71
19573.701	.00672	284.98	284.98	.8208	284.71
19573.701	.00672	284.98	284.98	.8208	284.71
19574.269	.00720	284.98	285.26	.8424	284.98
19574.837	.00696	284.98	284.98	.8640	284.71
19575.405	.00672	284.98	285.26	.8856	284.98
19575.974	.00672	284.98	285.26	.9072	284.98
19576.542	.00720	284.98	285.26	.9288	284.98
19577.110	.00744	284.98	285.26	.9504	284.98
19577.678	.00768	284.98	285.26	.9504	284.98
19578.246	.00768	284.98	285.26	.9720	284.71
19578.814	.00744	284.98	284.98	.9720	284.71
19578.814	.00744	284.98	284.98	.9720	284.71
19579.382	.00744	284.98	285.26	.9720	284.71
19579.950	.00744	284.98	284.98	.9720	284.98
19580.518	.00744	284.98	285.26	.9936	284.71
19581.086	.00792	284.71	285.26	.9936	284.71
19581.654	.00792	284.98	285.26	1.0152	284.98
19582.223	.00816	284.98	285.26	1.0584	284.98
19582.791	.00816	284.98	285.26	1.0800	284.98
19583.359	.00840	284.98	285.26	1.0800	284.98
19583.359	.00840	284.98	285.26	1.0800	284.98
19583.927	.00864	284.71	285.26	1.1016	284.71
19584.495	.00864	284.98	285.26	1.1232	284.98
19585.063	.00864	284.98	284.98	1.1448	284.71
19585.631	.00864	284.98	285.26	1.1664	284.98
19586.199	.00840	284.98	284.98	1.1880	284.71
19586.767	.00864	284.98	285.26	1.2096	284.98
19587.335	.00888	284.98	285.26	1.2096	284.71
19587.903	.00960	284.98	284.98	1.2528	284.71
19588.472	.00936	284.98	284.98	1.2528	284.71
19588.472	.00936	284.98	284.98	1.2528	284.71
19589.040	.00912	284.98	285.26	1.2744	284.98
19589.608	.00984	284.98	285.26	1.2960	284.98
19590.176	.00840	284.98	285.26	1.3176	284.98
19590.744	.01032	284.98	284.98	1.3608	284.71
19591.312	.01008	284.98	285.26	1.3608	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19529.390	.00192	284.98	285.26	-.0216	284.71
19529.958	.00168	284.98	285.26	-.0432	284.71
19530.526	.00144	284.98	285.26	-.0216	284.98
19531.094	.00192	284.98	284.98	-.0216	284.71
19531.662	.00216	284.98	285.26	-.0216	284.71
19532.230	.00144	284.98	284.98	-.0216	284.71
19532.798	.00144	284.98	285.26	-.0216	284.71
19533.366	.00192	284.98	285.26	-.0216	284.71
19533.366	.00192	284.98	285.26	-.0216	284.71
19533.934	.00168	284.98	285.26	-.0216	284.71
19534.503	.00144	284.98	284.98	-.0216	284.71
19535.071	.00216	284.98	285.26	-.0216	284.98
19535.639	.00168	284.98	285.26	0.0000	284.71
19536.207	.00144	284.98	285.26	0.0000	284.71
19536.775	.00216	284.98	284.98	0.0000	284.98
19537.343	.00192	284.98	284.98	0.0000	284.98
19537.911	.00144	284.98	285.26	0.0000	284.71
19544.160	.00216	284.98	285.26	.0864	284.98
19544.728	.00240	284.98	285.26	.1080	284.71
19545.296	.00240	284.98	285.26	.1080	284.98
19545.864	.00264	284.98	285.26	.1296	284.71
19546.433	.00264	284.98	284.98	.1512	284.71
19547.001	.00264	284.98	285.26	.1512	284.71
19547.569	.00264	284.98	284.98	.1728	284.71
19548.137	.00240	284.98	284.98	.1944	284.71
19548.705	.00240	284.71	284.98	.1944	284.98
19548.705	.00240	284.71	284.98	.1944	284.98
19549.273	.00240	284.98	285.26	.1944	284.98
19549.841	.00240	284.98	284.98	.2160	284.71
19550.409	.00264	284.98	285.26	.2376	284.98
19550.977	.00288	284.98	284.98	.2592	284.71
19551.545	.00312	284.98	284.98	.2592	284.98
19552.114	.00336	284.71	285.26	.2808	284.71
19552.682	.00312	284.98	285.26	.2808	284.71
19553.250	.00288	284.98	285.26	.3024	284.98
19553.818	.00312	284.71	284.98	.3024	284.98
19553.818	.00312	284.71	284.98	.3024	284.98
19554.386	.00312	284.98	285.26	.3240	284.98
19554.954	.00336	284.98	285.26	.3240	284.98
19555.522	.00312	284.98	285.26	.3240	284.98
19556.090	.00360	284.98	285.26	.3456	284.71
19556.658	.00408	284.98	285.26	.3456	284.98
19557.226	.00360	284.98	285.26	.3672	284.98
19557.794	.00360	284.98	285.26	.3888	284.98
19558.363	.00408	284.98	285.26	.4104	284.71
19558.363	.00408	284.98	285.26	.4104	284.71
19558.931	.00432	284.98	285.26	.4104	284.98
19559.499	.00408	284.98	285.26	.4320	284.71
19560.067	.00432	284.98	284.98	.4320	284.98
19560.635	.00432	284.98	285.26	.4536	284.71
19561.203	.00408	284.98	285.26	.4536	284.71
19561.771	.00456	284.98	285.26	.4752	284.71
19562.339	.00408	284.98	285.26	.4968	284.98
19562.907	.00480	284.98	284.98	.4968	284.98
19563.475	.00432	284.98	285.26	.5184	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19501.553	.00144	284.98	284.98	-.0432	284.71
19502.121	.00144	284.98	285.26	-.0432	284.71
19502.689	.00144	284.98	284.98	-.0432	284.98
19503.257	.00144	284.98	285.26	-.0432	284.98
19503.825	.00144	284.98	284.98	-.0432	284.98
19503.825	.00144	284.98	284.98	-.0432	284.98
19504.394	.00144	284.98	285.26	-.0432	284.71
19504.962	.00168	284.98	285.26	-.0432	284.98
19505.530	.00120	284.98	285.26	-.0432	284.71
19506.098	.00168	284.98	284.98	-.0432	284.98
19506.666	.00120	284.98	285.26	-.0432	284.98
19507.234	.00144	284.98	285.26	-.0432	284.98
19507.802	.00144	284.98	285.26	-.0432	284.71
19508.370	.00120	284.98	285.26	-.0432	284.71
19508.370	.00120	284.98	285.26	-.0432	284.71
19508.938	.00168	284.71	285.26	-.0432	284.98
19509.506	.00120	284.98	284.98	-.0432	284.98
19510.075	.00168	284.98	285.26	-.0432	284.71
19510.643	.00120	284.98	285.26	-.0432	284.71
19511.211	.00168	284.98	285.26	-.0432	284.71
19511.779	.00120	284.71	285.26	-.0432	284.98
19512.347	.00168	284.98	284.98	-.0432	284.71
19512.915	.00120	284.98	285.26	-.0432	284.71
19513.483	.00168	284.98	285.26	-.0432	284.71
19513.483	.00168	284.98	285.26	-.0432	284.71
19514.051	.00144	284.98	284.98	-.0432	284.98
19514.619	.00144	284.98	285.26	-.0432	284.71
19515.187	.00168	284.98	285.26	-.0432	284.98
19515.755	.00120	284.98	285.26	-.0432	284.71
19516.324	.00192	284.98	285.26	-.0432	284.98
19516.892	.00120	284.98	284.98	-.0432	284.71
19517.460	.00168	284.98	285.26	-.0432	284.98
19518.028	.00144	284.98	284.98	-.0432	284.98
19518.596	.00168	284.98	285.26	-.0432	284.98
19518.596	.00168	284.98	285.26	-.0432	284.98
19519.164	.00144	284.98	285.26	-.0432	284.71
19519.732	.00168	284.98	285.26	-.0432	284.71
19520.300	.00120	284.98	285.26	-.0432	284.98
19520.868	.00192	284.98	284.98	-.0432	284.98
19521.436	.00120	284.71	285.26	-.0432	284.71
19522.005	.00168	284.98	284.98	-.0432	284.71
19522.573	.00144	284.98	284.98	-.0432	284.71
19523.141	.00168	284.98	284.98	-.0432	284.71
19523.709	.00168	284.98	285.26	-.0432	284.98
19523.709	.00168	284.98	285.26	-.0432	284.98
19524.277	.00144	284.71	285.26	-.0432	284.71
19524.845	.00144	284.98	285.26	-.0432	284.98
19525.413	.00192	284.98	285.26	-.0432	284.71
19525.981	.00120	284.98	284.98	-.0432	284.98
19526.549	.00192	284.98	285.26	-.0432	284.71
19527.117	.00144	284.98	285.26	-.0432	284.98
19527.685	.00168	284.98	285.26	-.0432	284.71
19528.254	.00168	284.98	285.26	-.0216	284.71
19528.822	.00144	284.71	284.98	-.0432	284.98
19528.822	.00144	284.71	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19473.716	.00288	284.98	285.26	-.0432	284.71
19473.716	.00288	284.98	285.26	-.0432	284.71
19474.285	.00264	284.98	285.26	-.0432	284.98
19474.853	.00240	284.98	285.26	-.0432	284.71
19475.421	.00240	284.98	284.98	-.0432	284.98
19475.989	.00192	284.98	284.98	-.0432	284.71
19476.557	.00192	284.98	285.26	-.0432	284.71
19477.125	.00192	284.98	285.26	-.0432	284.71
19477.693	.00192	284.98	284.98	-.0432	284.98
19478.261	.00192	284.98	285.26	-.0432	284.98
19478.829	.00216	284.98	285.26	-.0432	284.71
19478.829	.00216	284.98	285.26	-.0432	284.71
19479.397	.00168	284.98	284.98	-.0432	284.71
19479.966	.00144	284.98	285.26	-.0432	284.71
19480.534	.00168	284.98	284.98	-.0432	284.98
19481.102	.00192	284.98	285.26	-.0432	284.98
19481.670	.00144	284.98	285.26	-.0432	284.71
19482.238	.00144	284.98	285.26	-.0432	284.71
19482.806	.00192	284.98	284.98	-.0432	284.71
19483.374	.00120	284.98	285.26	-.0432	284.98
19483.374	.00120	284.98	285.26	-.0432	284.98
19483.942	.00144	284.98	285.26	-.0432	284.71
19484.510	.00192	284.98	285.26	-.0432	284.71
19485.078	.00120	284.98	285.26	-.0432	284.71
19485.646	.00168	284.98	285.26	-.0432	284.71
19486.215	.00120	284.98	284.98	-.0432	284.98
19486.783	.00168	284.98	285.26	-.0432	284.98
19487.351	.00120	284.98	285.26	-.0432	284.98
19487.919	.00168	284.98	285.26	-.0432	284.98
19488.487	.00120	284.98	285.26	-.0432	284.98
19488.487	.00120	284.98	285.26	-.0432	284.98
19489.055	.00144	284.98	285.26	-.0432	284.71
19489.623	.00120	284.98	285.26	-.0432	284.98
19490.191	.00144	284.98	285.26	-.0432	284.71
19490.759	.00144	284.98	285.26	-.0432	284.98
19491.327	.00168	284.98	284.98	-.0432	284.98
19491.896	.00120	284.98	284.98	-.0432	284.98
19492.464	.00168	284.98	284.98	-.0432	284.71
19493.032	.00120	284.98	284.98	-.0432	284.71
19493.600	.00144	284.98	285.26	-.0432	284.71
19493.600	.00144	284.98	285.26	-.0432	284.71
19494.168	.00168	284.98	284.98	-.0432	284.98
19494.736	.00120	284.71	285.26	-.0432	284.71
19495.304	.00144	284.98	284.98	-.0432	284.71
19495.872	.00144	284.98	285.26	-.0432	284.71
19496.440	.00144	284.98	284.98	-.0432	284.71
19497.008	.00144	284.98	285.26	-.0432	284.71
19497.576	.00144	284.98	285.26	-.0432	284.71
19498.145	.00144	284.98	285.26	-.0432	284.98
19498.713	.00144	284.98	285.26	-.0432	284.71
19498.713	.00144	284.98	285.26	-.0432	284.71
19499.281	.00120	284.98	285.26	-.0432	284.98
19499.849	.00168	284.98	285.26	-.0432	284.71
19500.417	.00120	284.98	284.98	-.0432	284.98
19500.985	.00144	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19445.312	.00504	284.98	285.26	-.0432	284.98
19445.880	.00576	284.98	284.98	-.0432	284.71
19446.448	.00576	284.98	285.26	-.0432	284.98
19447.016	.00552	284.98	285.26	-.0432	284.71
19447.584	.00624	284.98	285.26	-.0432	284.71
19448.152	.00600	284.98	285.26	-.0432	284.71
19448.720	.00600	284.98	284.98	-.0432	284.98
19448.720	.00600	284.98	284.98	-.0432	284.98
19449.288	.00648	284.98	284.98	-.0432	284.71
19449.857	.00624	284.98	285.26	-.0432	284.98
19450.425	.00672	284.98	285.26	-.0432	284.98
19450.993	.00672	284.98	284.98	-.0432	284.98
19451.561	.00648	284.98	284.98	-.0432	284.71
19452.129	.00720	284.98	284.98	-.0432	284.98
19452.697	.00720	284.98	284.98	-.0432	284.71
19453.265	.00696	284.98	285.26	-.0432	284.71
19453.833	.00768	284.98	285.26	-.0432	284.71
19453.833	.00768	284.98	285.26	-.0432	284.71
19454.401	.00744	284.98	285.26	-.0432	284.98
19454.969	.00744	284.98	284.98	-.0432	284.98
19455.537	.00816	284.98	285.26	-.0432	284.71
19456.106	.00792	284.98	284.98	-.0432	284.71
19456.674	.00792	284.98	285.26	-.0432	284.71
19457.242	.00816	284.98	285.26	-.0432	284.71
19457.810	.00864	284.98	285.26	-.0432	284.71
19458.378	.00888	284.98	284.98	-.0432	284.71
19458.378	.00888	284.98	284.98	-.0432	284.71
19458.946	.00912	284.98	285.26	-.0432	284.71
19459.514	.00912	284.98	285.26	-.0432	284.71
19460.082	.00888	284.98	285.26	-.0432	284.98
19460.650	.00936	284.98	284.98	-.0432	284.71
19461.218	.00984	284.98	284.98	-.0432	284.98
19461.786	.00960	284.98	285.26	-.0432	284.98
19462.355	.01032	284.98	284.98	-.0432	284.71
19462.923	.01056	284.98	285.26	-.0432	284.71
19463.491	.01104	284.71	285.26	-.0432	284.98
19463.491	.01104	284.71	285.26	-.0432	284.98
19464.059	.01128	284.98	284.98	-.0432	284.98
19464.627	.01080	284.98	285.26	-.0432	284.98
19465.195	.01128	284.98	285.26	-.0432	284.71
19465.763	.01152	284.98	285.26	-.0432	284.71
19466.331	.01128	284.71	285.26	-.0432	284.98
19466.899	.01008	284.98	285.26	-.0432	284.98
19467.467	.00936	284.98	284.98	-.0432	284.71
19468.036	.00864	284.98	284.98	-.0432	284.98
19468.604	.00744	284.98	284.98	-.0432	284.98
19468.604	.00744	284.98	284.98	-.0432	284.98
19469.172	.00696	284.98	285.26	-.0432	284.71
19469.740	.00648	284.71	285.26	-.0432	284.98
19470.308	.00528	284.98	285.26	-.0432	284.98
19470.876	.00456	284.98	284.98	-.0432	284.71
19471.444	.00360	284.98	284.98	-.0432	284.71
19472.012	.00312	284.98	285.26	-.0432	284.98
19472.580	.00264	284.98	284.98	-.0432	284.98
19473.148	.00264	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19417.475	.00360	284.98	284.98	-.0432	284.71
19418.043	.00336	284.98	285.26	-.0432	284.71
19418.611	.00384	284.98	285.26	-.0432	284.98
19418.611	.00384	284.98	285.26	-.0432	284.98
19419.179	.00336	284.98	285.26	-.0432	284.71
19419.748	.00384	284.98	284.98	-.0432	284.98
19420.316	.00336	284.98	285.26	-.0432	284.98
19420.884	.00384	284.98	285.26	-.0432	284.71
19421.452	.00360	284.98	285.26	-.0432	284.98
19422.020	.00384	284.98	285.26	-.0432	284.71
19422.588	.00360	284.98	285.26	-.0432	284.71
19423.156	.00408	284.98	285.26	-.0432	284.71
19423.724	.00336	284.98	284.98	-.0432	284.71
19423.724	.00336	284.98	284.98	-.0432	284.71
19424.292	.00384	284.98	285.26	-.0432	284.98
19424.860	.00384	284.98	285.26	-.0432	284.71
19425.428	.00360	284.98	285.26	-.0432	284.98
19425.997	.00408	284.98	285.26	-.0432	284.71
19426.565	.00384	284.98	285.26	-.0432	284.71
19427.133	.00408	284.98	284.98	-.0432	284.71
19427.701	.00384	284.98	285.26	-.0432	284.98
19428.269	.00408	284.98	285.26	-.0432	284.71
19428.837	.00384	284.98	285.26	-.0432	284.71
19428.837	.00384	284.98	285.26	-.0432	284.71
19429.405	.00408	284.98	285.26	-.0432	284.98
19429.973	.00408	284.71	284.98	-.0432	284.98
19430.541	.00408	284.98	285.26	-.0432	284.98
19431.109	.00432	284.98	285.26	-.0432	284.98
19431.677	.00384	284.98	285.26	-.0432	284.71
19432.246	.00432	284.98	285.26	-.0432	284.71
19432.814	.00432	284.98	285.26	-.0432	284.71
19433.382	.00408	284.98	285.26	-.0432	284.71
19433.382	.00408	284.98	285.26	-.0432	284.71
19433.950	.00408	284.98	285.26	-.0432	284.71
19434.518	.00408	284.98	285.26	-.0432	284.71
19435.086	.00408	284.98	285.26	-.0432	284.71
19435.654	.00456	284.98	284.98	-.0432	284.71
19436.222	.00456	284.98	285.26	-.0432	284.98
19436.790	.00408	284.98	285.26	-.0432	284.71
19437.358	.00456	284.71	285.26	-.0432	284.71
19437.927	.00480	284.98	285.26	-.0432	284.71
19438.495	.00432	284.98	284.98	-.0432	284.71
19438.495	.00432	284.98	284.98	-.0432	284.71
19439.063	.00480	284.98	285.26	-.0432	284.71
19439.631	.00480	284.98	285.26	-.0432	284.71
19440.199	.00456	284.98	285.26	-.0432	284.71
19440.767	.00528	284.98	285.26	-.0432	284.71
19441.335	.00480	284.98	284.98	-.0432	284.98
19441.903	.00504	284.71	285.26	-.0432	284.98
19442.471	.00528	284.98	284.98	-.0432	284.71
19443.039	.00504	284.98	285.26	-.0432	284.71
19443.607	.00528	284.98	285.26	-.0432	284.71
19443.607	.00528	284.98	285.26	-.0432	284.71
19444.176	.00504	284.98	284.98	-.0432	284.71
19444.744	.00576	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19389.070	.00288	284.98	284.98	-.0432	284.98
19389.638	.00312	284.98	284.98	-.0432	284.71
19390.207	.00336	284.98	285.26	-.0432	284.71
19390.775	.00336	284.98	284.98	-.0432	284.71
19391.343	.00312	284.98	285.26	-.0432	284.71
19391.911	.00264	284.98	284.98	-.0432	284.71
19392.479	.00288	284.98	284.98	-.0432	284.71
19393.047	.00288	284.98	284.98	-.0432	284.98
19393.615	.00312	284.98	285.26	-.0432	284.71
19393.615	.00312	284.98	285.26	-.0432	284.71
19394.183	.00336	284.98	285.26	-.0432	284.71
19394.751	.00336	284.98	284.98	-.0432	284.71
19395.319	.00336	284.98	285.26	-.0432	284.71
19395.888	.00336	284.98	284.98	-.0432	284.98
19396.456	.00336	284.98	285.26	-.0432	284.71
19397.024	.00336	284.98	285.26	-.0432	284.71
19397.592	.00312	284.98	285.26	-.0432	284.71
19398.160	.00312	284.71	284.98	-.0432	284.98
19398.728	.00312	284.98	284.98	-.0432	284.71
19398.728	.00312	284.98	284.98	-.0432	284.71
19399.296	.00336	284.98	285.26	-.0432	284.71
19399.864	.00336	284.98	285.26	-.0432	284.98
19400.432	.00336	284.98	285.26	-.0432	284.98
19401.000	.00336	284.98	284.98	-.0432	284.71
19401.568	.00336	284.98	285.26	-.0432	284.98
19402.137	.00336	284.71	285.26	-.0432	284.98
19402.705	.00336	284.98	285.26	-.0432	284.71
19403.273	.00336	284.98	285.26	-.0432	284.71
19403.841	.00336	284.98	284.98	-.0432	284.71
19403.841	.00336	284.98	284.98	-.0432	284.71
19404.409	.00360	284.98	284.98	-.0432	284.98
19404.977	.00360	284.98	285.26	-.0432	284.98
19405.545	.00360	284.98	285.26	-.0432	284.71
19406.113	.00336	284.98	285.26	-.0432	284.71
19406.681	.00336	284.71	285.26	-.0432	284.98
19407.249	.00336	284.71	285.26	-.0432	284.98
19407.818	.00312	284.98	285.26	-.0432	284.98
19408.386	.00312	284.98	285.26	-.0432	284.71
19408.386	.00312	284.98	285.26	-.0432	284.71
19408.954	.00336	284.98	285.26	-.0432	284.71
19409.522	.00360	284.98	284.98	-.0432	284.98
19410.090	.00384	284.71	285.26	-.0432	284.98
19410.658	.00336	284.98	285.26	-.0432	284.71
19411.226	.00312	284.98	284.98	-.0432	284.98
19411.794	.00360	284.98	285.26	-.0432	284.71
19412.362	.00384	284.98	285.26	-.0432	284.98
19412.930	.00312	284.98	285.26	-.0432	284.98
19413.498	.00336	284.71	285.26	-.0432	284.71
19413.498	.00336	284.71	285.26	-.0432	284.71
19414.067	.00384	284.98	285.26	-.0432	284.71
19414.635	.00336	284.98	284.98	-.0432	284.71
19415.203	.00360	284.98	284.98	-.0432	284.98
19415.771	.00384	284.98	284.98	-.0432	284.71
19416.339	.00336	284.98	285.26	-.0432	284.71
19416.907	.00384	284.98	285.26	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19361.234	.00312	284.98	284.98	-.0432	284.98
19361.802	.00288	284.98	284.98	-.0432	284.98
19362.370	.00264	284.98	285.26	-.0432	284.98
19362.938	.00240	284.98	285.26	-.0432	284.71
19363.506	.00240	284.98	285.26	-.0432	284.71
19363.506	.00240	284.98	285.26	-.0432	284.71
19364.074	.00240	284.98	284.98	-.0432	284.71
19364.642	.00264	284.98	285.26	-.0432	284.98
19365.210	.00288	284.98	285.26	-.0432	284.71
19365.779	.00312	284.98	285.26	-.0432	284.71
19366.347	.00288	284.98	285.26	-.0432	284.98
19366.915	.00288	284.98	285.26	-.0432	284.71
19367.483	.00288	284.98	284.98	-.0432	284.98
19368.051	.00288	284.98	284.98	-.0432	284.71
19368.619	.00288	284.98	285.26	-.0432	284.71
19368.619	.00288	284.98	285.26	-.0432	284.71
19369.187	.00288	284.98	285.26	-.0432	284.71
19369.755	.00264	284.98	284.98	-.0432	284.98
19370.323	.00264	284.98	285.26	-.0432	284.71
19370.891	.00288	284.98	285.26	-.0432	284.98
19371.459	.00288	284.98	285.26	-.0432	284.98
19372.028	.00288	284.98	284.98	-.0432	284.71
19372.596	.00312	284.98	285.26	-.0432	284.71
19373.164	.00312	284.98	285.26	-.0432	284.98
19373.732	.00312	284.98	285.26	-.0432	284.71
19373.732	.00312	284.98	285.26	-.0432	284.71
19374.300	.00312	284.98	284.98	-.0432	284.71
19374.868	.00312	284.98	284.98	-.0432	284.98
19375.436	.00312	284.98	285.26	-.0432	284.98
19376.004	.00312	284.98	284.98	-.0432	284.98
19376.572	.00312	284.98	285.26	-.0432	284.71
19377.140	.00288	284.98	285.26	-.0432	284.71
19377.709	.00264	284.98	285.26	-.0432	284.71
19378.277	.00264	284.98	284.98	-.0432	284.98
19378.845	.00264	284.98	285.26	-.0432	284.98
19378.845	.00264	284.98	285.26	-.0432	284.98
19379.413	.00264	284.98	285.26	-.0432	284.71
19379.981	.00264	284.71	285.26	-.0432	284.71
19380.549	.00288	284.98	285.26	-.0432	284.71
19381.117	.00312	284.98	285.26	-.0432	284.98
19381.685	.00336	284.98	284.98	-.0432	284.71
19382.253	.00312	284.98	285.26	-.0432	284.71
19382.821	.00312	284.98	285.26	-.0432	284.71
19383.389	.00288	284.98	285.26	-.0432	284.98
19383.389	.00288	284.98	285.26	-.0432	284.98
19383.958	.00288	284.98	284.98	-.0432	284.98
19384.526	.00288	284.98	284.98	-.0432	284.98
19385.094	.00264	284.98	285.26	-.0432	284.98
19385.662	.00288	284.71	285.26	-.0432	284.98
19386.230	.00336	284.98	285.26	-.0432	284.71
19386.798	.00312	284.98	285.26	-.0432	284.71
19387.366	.00312	284.98	284.98	-.0432	284.98
19387.934	.00264	284.71	284.98	-.0432	284.71
19388.502	.00264	284.98	284.98	-.0432	284.71
19388.502	.00264	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19290.790	.00192	284.98	285.26	-.0432	284.98
19291.358	.00240	284.98	285.26	-.0432	284.71
19291.926	.00216	284.98	285.26	-.0432	284.71
19292.494	.00192	284.98	284.98	-.0432	284.98
19293.062	.00264	284.98	285.26	-.0432	284.71
19293.631	.00216	284.98	285.26	-.0432	284.71
19293.631	.00216	284.98	285.26	-.0432	284.71
19294.199	.00216	284.98	285.26	-.0432	284.98
19294.767	.00264	284.98	285.26	-.0432	284.71
19295.335	.00192	284.98	285.26	-.0432	284.71
19295.903	.00240	284.98	285.26	-.0432	284.71
19296.471	.00216	284.98	285.26	-.0432	284.71
19297.039	.00216	284.71	285.26	-.0432	284.71
19297.607	.00240	284.98	284.98	-.0432	284.98
19298.175	.00192	284.98	284.98	-.0432	284.71
19298.743	.00264	284.98	284.98	-.0432	284.98
19298.743	.00264	284.98	284.98	-.0432	284.98
19299.311	.00192	284.98	284.98	-.0432	284.71
19299.880	.00240	284.98	285.26	-.0432	284.71
19300.448	.00192	284.98	285.26	-.0432	284.71
19301.016	.00264	284.98	284.98	-.0432	284.71
19301.584	.00192	284.98	285.26	-.0432	284.98
19302.152	.00240	284.98	284.98	-.0432	284.98
19302.720	.00216	284.98	285.26	-.0432	284.71
19345.327	.00264	284.98	285.26	-.0432	284.71
19345.895	.00288	284.71	285.26	-.0432	284.71
19346.463	.00264	284.98	284.98	-.0432	284.71
19347.031	.00216	284.98	284.98	-.0432	284.98
19347.600	.00264	284.98	285.26	-.0432	284.71
19348.168	.00288	284.98	285.26	-.0432	284.71
19348.736	.00264	284.98	284.98	-.0432	284.71
19348.736	.00264	284.98	284.98	-.0432	284.71
19349.304	.00240	284.98	285.26	-.0432	284.71
19349.872	.00240	284.98	285.26	-.0432	284.71
19350.440	.00288	284.98	285.26	-.0432	284.98
19351.008	.00288	284.71	285.26	-.0432	284.71
19351.576	.00216	284.98	285.26	-.0432	284.71
19352.144	.00240	284.98	285.26	-.0432	284.71
19352.712	.00288	284.98	284.98	-.0432	284.71
19353.280	.00288	284.71	285.26	-.0432	284.71
19353.849	.00288	284.98	285.26	-.0432	284.98
19353.849	.00288	284.98	285.26	-.0432	284.98
19354.417	.00240	284.98	285.26	-.0432	284.71
19354.985	.00240	284.98	285.26	-.0432	284.98
19355.553	.00288	284.98	284.98	-.0432	284.71
19356.121	.00288	284.98	285.26	-.0432	284.71
19356.689	.00264	284.98	285.26	-.0432	284.98
19357.257	.00240	284.98	285.26	-.0432	284.98
19357.825	.00240	284.98	284.98	-.0432	284.71
19358.393	.00264	284.98	284.98	-.0432	284.71
19358.393	.00264	284.98	284.98	-.0432	284.71
19358.961	.00288	284.98	284.98	-.0432	284.71
19359.529	.00264	284.98	285.26	-.0432	284.71
19360.098	.00240	284.98	284.98	-.0432	284.71
19360.666	.00264	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19262.953	.00168	284.98	285.26	-.0432	284.71
19263.522	.00216	284.98	285.26	-.0432	284.71
19263.522	.00216	284.98	285.26	-.0432	284.71
19264.090	.00240	284.98	284.98	-.0432	284.71
19264.658	.00216	284.98	284.98	-.0432	284.98
19265.226	.00192	284.98	285.26	-.0432	284.71
19265.794	.00192	284.98	285.26	-.0432	284.71
19266.362	.00240	284.98	285.26	-.0432	284.71
19266.930	.00240	284.98	285.26	-.0432	284.71
19267.498	.00216	284.71	284.98	-.0432	284.71
19268.066	.00192	284.98	285.26	-.0432	284.71
19268.634	.00192	284.98	285.26	-.0432	284.98
19268.634	.00192	284.98	285.26	-.0432	284.98
19269.202	.00216	284.98	285.26	-.0432	284.71
19269.771	.00240	284.98	285.26	-.0432	284.71
19270.339	.00240	284.98	284.98	-.0432	284.71
19270.907	.00216	284.98	284.98	-.0432	284.98
19271.475	.00192	284.98	285.26	-.0432	284.71
19272.043	.00216	284.98	285.26	-.0432	284.98
19272.611	.00240	284.98	285.26	-.0432	284.98
19273.179	.00240	284.98	284.98	-.0432	284.71
19273.747	.00216	284.98	284.98	-.0432	284.98
19273.747	.00216	284.98	284.98	-.0432	284.98
19274.315	.00192	284.98	285.26	-.0432	284.71
19274.883	.00168	284.98	285.26	-.0432	284.71
19275.452	.00216	284.98	285.26	-.0432	284.71
19276.020	.00240	284.98	285.26	-.0432	284.71
19276.588	.00240	284.98	285.26	-.0432	284.98
19277.156	.00240	284.98	285.26	-.0432	284.71
19277.724	.00192	284.98	285.26	-.0432	284.71
19278.292	.00192	284.98	285.26	-.0432	284.71
19278.860	.00168	284.98	285.26	-.0432	284.98
19278.860	.00168	284.98	285.26	-.0432	284.98
19279.428	.00216	284.98	284.98	-.0432	284.98
19279.996	.00240	284.98	285.26	-.0432	284.98
19280.564	.00240	284.98	284.98	-.0432	284.71
19281.132	.00240	284.98	285.26	-.0432	284.71
19281.701	.00216	284.98	285.26	-.0432	284.71
19282.269	.00192	284.98	284.98	-.0432	284.98
19282.837	.00216	284.71	285.26	-.0432	284.71
19283.405	.00240	284.98	285.26	-.0432	284.71
19283.405	.00240	284.98	285.26	-.0432	284.71
19283.973	.00216	284.98	285.26	-.0432	284.71
19284.541	.00192	284.98	284.98	-.0432	284.71
19285.109	.00240	284.98	284.98	-.0432	284.98
19285.677	.00216	284.98	285.26	-.0432	284.71
19286.245	.00192	284.98	285.26	-.0432	284.71
19286.813	.00240	284.98	284.98	-.0432	284.71
19287.382	.00240	284.98	284.98	-.0432	284.71
19287.950	.00192	284.71	285.26	-.0432	284.71
19288.518	.00240	284.98	285.26	-.0432	284.71
19288.518	.00240	284.98	285.26	-.0432	284.71
19289.086	.00216	284.98	284.98	-.0432	284.98
19289.654	.00216	284.98	284.98	-.0432	284.71
19290.222	.00264	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19233.981	.00216	284.98	285.26	-.0432	284.71
19234.549	.00240	284.98	285.26	-.0432	284.71
19235.117	.00240	284.98	285.26	-.0432	284.71
19235.685	.00216	284.98	284.98	-.0432	284.71
19236.253	.00168	284.98	284.98	-.0432	284.98
19236.821	.00168	284.98	284.98	-.0432	284.98
19237.389	.00168	284.71	284.98	-.0432	284.71
19237.957	.00192	284.98	285.26	-.0432	284.98
19238.525	.00216	284.98	285.26	-.0432	284.71
19238.525	.00216	284.98	285.26	-.0432	284.71
19239.093	.00216	284.98	284.98	-.0432	284.98
19239.662	.00240	284.98	285.26	-.0432	284.98
19240.230	.00216	284.98	285.26	-.0432	284.71
19240.798	.00192	284.98	285.26	-.0432	284.98
19241.366	.00192	284.98	285.26	-.0432	284.71
19241.934	.00168	284.98	284.98	-.0432	284.98
19242.502	.00192	284.71	285.26	-.0432	284.71
19243.070	.00192	284.98	285.26	-.0432	284.71
19243.638	.00216	284.98	285.26	-.0432	284.71
19243.638	.00216	284.98	285.26	-.0432	284.71
19244.206	.00240	284.98	285.26	-.0432	284.71
19244.774	.00216	284.98	284.98	-.0432	284.98
19245.343	.00240	284.98	285.26	-.0432	284.98
19245.911	.00240	284.98	285.26	-.0432	284.71
19246.479	.00216	284.98	285.26	-.0432	284.71
19247.047	.00192	284.98	285.26	-.0432	284.71
19247.615	.00168	284.98	284.98	-.0432	284.71
19248.183	.00168	284.98	284.98	-.0432	284.98
19248.751	.00192	284.98	285.26	-.0432	284.98
19248.751	.00192	284.98	285.26	-.0432	284.98
19249.319	.00216	284.98	285.26	-.0432	284.98
19249.887	.00240	284.98	285.26	-.0432	284.71
19250.455	.00240	284.98	284.98	-.0432	284.71
19251.023	.00192	284.98	285.26	-.0432	284.71
19251.592	.00192	284.98	285.26	-.0432	284.71
19252.160	.00168	284.98	284.98	-.0432	284.98
19252.728	.00192	284.98	284.98	-.0432	284.71
19253.296	.00216	284.98	285.26	-.0432	284.71
19253.864	.00216	284.98	285.26	-.0432	284.98
19254.432	.00240	284.98	284.98	-.0432	284.98
19255.000	.00240	284.98	285.26	-.0432	284.71
19255.568	.00192	284.98	285.26	-.0432	284.71
19256.136	.00168	284.98	285.26	-.0432	284.71
19256.704	.00192	284.98	285.26	-.0432	284.98
19257.273	.00240	284.98	285.26	-.0432	284.71
19257.841	.00240	284.98	285.26	-.0432	284.71
19258.409	.00192	284.98	284.98	-.0432	284.71
19258.409	.00192	284.98	284.98	-.0432	284.71
19258.977	.00192	284.98	284.98	-.0432	284.98
19259.545	.00168	284.98	284.98	-.0432	284.98
19260.113	.00216	284.71	285.26	-.0432	284.71
19260.681	.00216	284.98	284.98	-.0432	284.71
19261.249	.00240	284.98	285.26	-.0432	284.98
19261.817	.00240	284.98	284.98	-.0432	284.71
19262.385	.00192	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19197.623	.00216	284.71	284.98	-.0432	284.71
19198.191	.00216	284.98	285.26	-.0432	284.98
19198.759	.00216	284.71	284.98	-.0432	284.71
19198.759	.00216	284.71	284.98	-.0432	284.71
19199.327	.00216	284.98	284.98	-.0432	284.98
19199.895	.00216	284.98	285.26	-.0432	284.98
19200.463	.00216	284.98	285.26	-.0432	284.71
19201.031	.00216	284.98	284.98	-.0432	284.98
19201.599	.00216	284.98	285.26	-.0432	284.98
19202.167	.00216	284.98	285.26	-.0432	284.71
19202.735	.00216	284.98	285.26	-.0432	284.71
19203.304	.00216	284.98	285.26	-.0432	284.71
19203.304	.00216	284.98	285.26	-.0432	284.71
19203.872	.00216	284.98	285.26	-.0432	284.71
19204.440	.00216	284.98	285.26	-.0432	284.71
19205.008	.00216	284.98	285.26	-.0432	284.71
19205.576	.00216	284.98	285.26	-.0432	284.71
19206.144	.00216	284.98	285.26	-.0432	284.71
19206.712	.00216	284.98	285.26	-.0432	284.71
19207.280	.00216	284.98	284.98	-.0432	284.98
19207.848	.00216	284.71	284.98	-.0432	284.98
19208.416	.00192	284.98	285.26	-.0432	284.71
19208.416	.00192	284.98	285.26	-.0432	284.71
19208.985	.00192	284.98	285.26	-.0432	284.71
19209.553	.00216	284.98	285.26	-.0432	284.71
19210.121	.00216	284.98	284.98	-.0432	284.98
19210.689	.00216	284.98	284.98	-.0432	284.98
19211.257	.00216	284.71	284.98	-.0432	284.71
19211.825	.00216	284.98	285.26	-.0432	284.71
19212.393	.00216	284.98	284.98	-.0432	284.71
19212.961	.00216	284.98	284.98	-.0432	284.98
19213.529	.00216	284.98	284.98	-.0432	284.71
19213.529	.00216	284.98	284.98	-.0432	284.71
19214.097	.00216	284.71	284.98	-.0432	284.98
19214.665	.00216	284.98	285.26	-.0432	284.98
19215.234	.00216	284.98	285.26	-.0432	284.98
19215.802	.00216	284.98	285.26	-.0432	284.71
19216.370	.00192	284.98	284.98	-.0432	284.71
19216.938	.00192	284.98	285.26	-.0432	284.98
19217.506	.00168	284.98	285.26	-.0432	284.71
19218.074	.00168	284.98	285.26	-.0432	284.71
19218.642	.00168	284.98	284.98	-.0432	284.98
19218.642	.00168	284.98	284.98	-.0432	284.98
19219.210	.00168	284.98	284.98	-.0432	284.71
19219.778	.00168	284.98	285.26	-.0432	284.98
19220.346	.00192	284.98	285.26	-.0432	284.71
19220.914	.00216	284.98	285.26	-.0432	284.98
19221.483	.00216	284.98	284.98	-.0432	284.71
19222.051	.00216	284.98	284.98	-.0432	284.71
19222.619	.00216	284.98	284.98	-.0432	284.71
19223.187	.00192	284.71	285.26	-.0432	284.71
19232.276	.00168	284.98	285.26	-.0432	284.71
19232.844	.00168	284.98	285.26	-.0432	284.71
19233.413	.00192	284.98	284.98	-.0432	284.98
19233.413	.00192	284.98	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19169.218	.00192	284.98	285.26	-.0432	284.71
19169.786	.00192	284.98	285.26	-.0432	284.98
19170.354	.00168	284.98	285.26	-.0432	284.71
19170.922	.00144	284.98	285.26	-.0432	284.71
19171.490	.00144	284.98	285.26	-.0432	284.98
19172.058	.00144	284.98	285.26	-.0432	284.71
19172.626	.00168	284.98	284.98	-.0432	284.71
19173.195	.00192	284.98	285.26	-.0432	284.71
19173.763	.00192	284.71	285.26	-.0432	284.98
19173.763	.00192	284.71	285.26	-.0432	284.98
19174.331	.00192	284.98	284.98	-.0432	284.98
19174.899	.00192	284.98	284.98	-.0432	284.71
19175.467	.00216	284.98	285.26	-.0432	284.71
19176.035	.00192	284.98	284.98	-.0432	284.71
19176.603	.00168	284.98	285.26	-.0432	284.98
19177.171	.00168	284.98	285.26	-.0432	284.71
19177.739	.00144	284.71	285.26	-.0432	284.71
19178.307	.00144	284.98	284.98	-.0432	284.71
19178.307	.00144	284.98	284.98	-.0432	284.71
19178.876	.00168	284.98	285.26	-.0432	284.71
19179.444	.00144	284.98	285.26	-.0432	284.71
19180.012	.00144	284.98	285.26	-.0432	284.71
19180.580	.00144	284.98	285.26	-.0432	284.71
19181.148	.00144	284.98	285.26	-.0432	284.71
19181.716	.00168	284.98	285.26	-.0432	284.71
19182.284	.00168	284.98	285.26	-.0432	284.71
19182.852	.00168	284.98	285.26	-.0432	284.98
19183.420	.00192	284.71	284.98	-.0432	284.98
19183.420	.00192	284.71	284.98	-.0432	284.98
19183.988	.00216	284.98	285.26	-.0432	284.98
19184.556	.00216	284.98	285.26	-.0432	284.71
19185.125	.00216	284.98	285.26	-.0432	284.98
19185.693	.00192	284.98	285.26	-.0432	284.71
19186.261	.00192	284.98	284.98	-.0432	284.71
19186.829	.00192	284.98	285.26	-.0432	284.98
19187.397	.00168	284.98	285.26	-.0432	284.71
19187.965	.00168	284.98	284.98	-.0432	284.98
19188.533	.00168	284.98	285.26	-.0432	284.71
19188.533	.00168	284.98	285.26	-.0432	284.71
19189.101	.00168	284.71	285.26	-.0432	284.71
19189.669	.00192	284.98	285.26	-.0432	284.71
19190.237	.00192	284.98	285.26	-.0432	284.71
19190.805	.00216	284.98	285.26	-.0432	284.98
19191.374	.00216	284.98	285.26	-.0432	284.71
19191.942	.00192	284.71	284.98	-.0432	284.71
19192.510	.00216	284.98	285.26	-.0432	284.98
19193.078	.00216	284.98	285.26	-.0432	284.71
19193.646	.00192	284.98	285.26	-.0432	284.71
19193.646	.00192	284.98	285.26	-.0432	284.71
19194.214	.00192	284.98	285.26	-.0432	284.71
19194.782	.00216	284.98	285.26	-.0432	284.71
19195.350	.00192	284.98	285.26	-.0432	284.98
19195.918	.00192	284.98	285.26	-.0432	284.71
19196.486	.00216	284.98	285.26	-.0432	284.98
19197.055	.00216	284.98	285.26	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19141.381	.00168	284.98	285.26	-.0432	284.71
19141.949	.00168	284.98	284.98	-.0432	284.71
19142.517	.00168	284.98	284.98	-.0432	284.71
19143.086	.00168	284.98	285.26	-.0432	284.98
19143.654	.00192	284.98	285.26	-.0432	284.71
19143.654	.00192	284.98	285.26	-.0432	284.71
19144.222	.00192	284.98	285.26	-.0432	284.98
19144.790	.00192	284.98	284.98	-.0432	284.71
19145.358	.00144	284.98	284.98	-.0432	284.98
19145.926	.00144	284.98	284.98	-.0432	284.98
19146.494	.00144	284.71	285.26	-.0432	284.98
19147.062	.00144	284.98	285.26	-.0432	284.71
19147.630	.00168	284.98	284.98	-.0432	284.71
19148.198	.00168	284.98	284.98	-.0432	284.71
19148.767	.00192	284.98	284.98	-.0432	284.71
19148.767	.00192	284.98	284.98	-.0432	284.71
19149.335	.00192	284.98	285.26	-.0432	284.71
19149.903	.00192	284.98	285.26	-.0432	284.71
19150.471	.00192	284.98	284.98	-.0432	284.98
19151.039	.00192	284.98	285.26	-.0432	284.98
19151.607	.00192	284.98	285.26	-.0432	284.71
19152.175	.00168	284.98	285.26	-.0432	284.71
19152.743	.00168	284.98	285.26	-.0432	284.98
19153.311	.00168	284.98	285.26	-.0432	284.71
19153.311	.00168	284.98	285.26	-.0432	284.71
19153.879	.00168	284.98	284.98	-.0432	284.71
19154.447	.00192	284.98	285.26	-.0432	284.98
19155.016	.00192	284.98	285.26	-.0432	284.71
19155.584	.00192	284.98	284.98	-.0432	284.71
19156.152	.00192	284.98	285.26	-.0432	284.71
19156.720	.00192	284.98	284.98	-.0432	284.98
19157.288	.00192	284.98	284.98	-.0432	284.98
19157.856	.00192	284.98	284.98	-.0432	284.71
19158.424	.00192	284.98	285.26	-.0432	284.71
19158.424	.00192	284.98	285.26	-.0432	284.71
19158.992	.00192	284.98	285.26	-.0432	284.71
19159.560	.00192	284.98	284.98	-.0432	284.71
19160.128	.00192	284.98	285.26	-.0432	284.71
19160.696	.00192	284.98	285.26	-.0432	284.71
19161.265	.00192	284.98	285.26	-.0432	284.98
19161.833	.00192	284.98	285.26	-.0432	284.71
19162.401	.00192	284.98	285.26	-.0432	284.71
19162.969	.00192	284.98	284.98	-.0432	284.98
19163.537	.00168	284.98	284.98	-.0432	284.71
19163.537	.00168	284.98	284.98	-.0432	284.71
19164.105	.00144	284.98	285.26	-.0432	284.98
19164.673	.00144	284.98	285.26	-.0432	284.71
19165.241	.00144	284.98	285.26	-.0432	284.98
19165.809	.00144	284.98	285.26	-.0432	284.71
19166.377	.00120	284.98	285.26	-.0432	284.71
19166.946	.00144	284.71	285.26	-.0432	284.71
19167.514	.00168	284.98	284.98	-.0432	284.71
19168.082	.00192	284.98	284.98	-.0432	284.71
19168.650	.00192	284.98	285.26	-.0432	284.98
19168.650	.00192	284.98	285.26	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19113.545	.00168	284.98	285.26	-.0432	284.71
19113.545	.00168	284.98	285.26	-.0432	284.71
19114.113	.00168	284.98	285.26	-.0432	284.71
19114.681	.00168	284.98	285.26	-.0432	284.98
19115.249	.00144	284.98	285.26	-.0432	284.71
19115.817	.00120	284.98	284.98	-.0432	284.71
19116.385	.00120	284.98	285.26	-.0432	284.71
19116.953	.00120	284.98	284.98	-.0432	284.98
19117.521	.00144	284.98	285.26	-.0432	284.71
19118.089	.00144	284.98	285.26	-.0432	284.71
19118.658	.00168	284.98	285.26	-.0432	284.71
19118.658	.00168	284.98	285.26	-.0432	284.71
19119.226	.00168	284.98	285.26	-.0432	284.71
19119.794	.00144	284.98	285.26	-.0432	284.98
19120.362	.00120	284.98	284.98	-.0432	284.71
19120.930	.00120	284.98	285.26	-.0432	284.71
19121.498	.00144	284.98	285.26	-.0432	284.71
19122.066	.00168	284.98	284.98	-.0432	284.71
19122.634	.00144	284.98	284.98	-.0432	284.98
19123.202	.00120	284.98	285.26	-.0432	284.71
19123.770	.00120	284.98	284.98	-.0432	284.71
19123.770	.00120	284.98	284.98	-.0432	284.71
19124.338	.00168	284.98	285.26	-.0432	284.98
19124.907	.00168	284.98	285.26	-.0432	284.71
19125.475	.00120	284.98	284.98	-.0432	284.71
19126.043	.00144	284.71	285.26	-.0432	284.98
19126.611	.00192	284.98	285.26	-.0432	284.71
19127.179	.00144	284.98	285.26	-.0432	284.71
19127.747	.00120	284.98	285.26	-.0432	284.71
19128.315	.00144	284.98	285.26	-.0432	284.71
19128.315	.00144	284.98	285.26	-.0432	284.71
19128.883	.00168	284.98	285.26	-.0432	284.71
19129.451	.00168	284.71	285.26	-.0432	284.98
19130.019	.00120	284.98	285.26	-.0432	284.98
19130.588	.00144	284.98	285.26	-.0432	284.71
19131.156	.00168	284.98	284.98	-.0432	284.98
19131.724	.00168	284.98	285.26	-.0432	284.98
19132.292	.00144	284.98	285.26	-.0432	284.71
19132.860	.00120	284.98	285.26	-.0432	284.71
19133.428	.00120	284.98	285.26	-.0432	284.71
19133.428	.00120	284.98	285.26	-.0432	284.71
19133.996	.00144	284.98	285.26	-.0432	284.71
19134.564	.00192	284.98	284.98	-.0432	284.71
19135.132	.00168	284.98	285.26	-.0432	284.98
19135.700	.00168	284.98	285.26	-.0432	284.71
19136.268	.00120	284.98	285.26	-.0432	284.98
19136.837	.00144	284.98	285.26	-.0432	284.98
19137.405	.00144	284.98	285.26	-.0432	284.98
19137.973	.00168	284.98	285.26	-.0432	284.71
19138.541	.00168	284.98	285.26	-.0432	284.71
19138.541	.00168	284.98	285.26	-.0432	284.71
19139.109	.00192	284.98	284.98	-.0432	284.71
19139.677	.00192	284.98	285.26	-.0432	284.71
19140.245	.00168	284.98	285.26	-.0432	284.98
19140.813	.00168	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19085.140	.00120	284.98	285.26	-.0432	284.71
19085.708	.00168	284.98	284.98	-.0432	284.71
19086.276	.00120	284.71	284.98	-.0432	284.98
19086.844	.00120	284.98	285.26	-.0432	284.71
19087.412	.00168	284.98	284.98	-.0432	284.71
19087.980	.00120	284.98	284.98	-.0432	284.71
19088.549	.00168	284.71	285.26	-.0432	284.71
19088.549	.00168	284.71	285.26	-.0432	284.71
19089.117	.00120	284.98	285.26	-.0432	284.71
19089.685	.00120	284.98	285.26	-.0432	284.71
19090.253	.00144	284.98	285.26	-.0432	284.98
19090.821	.00120	284.98	285.26	-.0432	284.71
19091.389	.00168	284.98	285.26	-.0432	284.71
19091.957	.00168	284.98	285.26	-.0432	284.98
19092.525	.00144	284.71	285.26	-.0432	284.98
19093.093	.00096	284.98	285.26	-.0432	284.98
19093.661	.00120	284.98	285.26	-.0432	284.98
19093.661	.00120	284.98	285.26	-.0432	284.98
19094.229	.00144	284.98	284.98	-.0432	284.98
19094.798	.00168	284.98	285.26	-.0432	284.98
19095.366	.00120	284.98	285.26	-.0432	284.71
19095.934	.00120	284.98	285.26	-.0432	284.71
19096.502	.00168	284.98	284.98	-.0432	284.71
19097.070	.00168	284.98	285.26	-.0432	284.71
19097.638	.00120	284.98	284.98	-.0432	284.98
19098.206	.00096	284.98	285.26	-.0432	284.71
19098.774	.00144	284.98	285.26	-.0432	284.98
19098.774	.00144	284.98	285.26	-.0432	284.98
19099.342	.00168	284.98	285.26	-.0432	284.71
19099.910	.00096	284.98	285.26	-.0432	284.71
19100.479	.00144	284.98	284.98	-.0432	284.71
19101.047	.00168	284.98	285.26	-.0432	284.71
19101.615	.00096	284.98	285.26	-.0432	284.71
19102.183	.00120	284.98	285.26	-.0432	284.98
19102.751	.00168	284.98	284.98	-.0432	284.98
19103.319	.00168	284.98	284.98	-.0432	284.71
19103.319	.00168	284.98	284.98	-.0432	284.71
19103.887	.00144	284.98	284.98	-.0432	284.71
19104.455	.00120	284.98	285.26	-.0432	284.98
19105.023	.00120	284.98	285.26	-.0432	284.71
19105.591	.00168	284.71	285.26	-.0432	284.71
19106.159	.00168	284.98	284.98	-.0432	284.71
19106.728	.00168	284.98	285.26	-.0432	284.71
19107.296	.00144	284.98	285.26	-.0432	284.98
19107.864	.00096	284.98	284.98	-.0432	284.71
19108.432	.00120	284.98	285.26	-.0432	284.71
19108.432	.00120	284.98	285.26	-.0432	284.71
19109.000	.00120	284.71	285.26	-.0432	284.98
19109.568	.00168	284.98	285.26	-.0432	284.98
19110.136	.00168	284.98	285.26	-.0432	284.98
19110.704	.00144	284.98	284.98	-.0432	284.71
19111.272	.00120	284.98	284.98	-.0432	284.71
19111.840	.00096	284.71	285.26	-.0432	284.98
19112.408	.00120	284.98	285.26	-.0432	284.98
19112.977	.00144	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19057.303	.00168	284.98	285.26	-.0432	284.71
19057.871	.00120	284.98	285.26	-.0432	284.71
19058.440	.00168	284.71	284.98	-.0432	284.71
19058.440	.00168	284.71	284.98	-.0432	284.71
19059.008	.00120	284.98	285.26	-.0432	284.71
19059.576	.00144	284.98	285.26	-.0432	284.71
19060.144	.00144	284.98	285.26	-.0432	284.71
19060.712	.00144	284.98	285.26	-.0432	284.98
19061.280	.00120	284.98	284.98	-.0432	284.71
19061.848	.00144	284.98	285.26	-.0432	284.98
19062.416	.00120	284.98	284.98	-.0432	284.98
19062.984	.00144	284.98	284.98	-.0432	284.98
19063.552	.00120	284.71	285.26	-.0432	284.98
19063.552	.00120	284.71	285.26	-.0432	284.98
19064.120	.00168	284.98	285.26	-.0432	284.71
19064.689	.00120	284.98	285.26	-.0432	284.71
19065.257	.00168	284.98	285.26	-.0432	284.71
19065.825	.00120	284.98	285.26	-.0432	284.98
19066.393	.00168	284.98	285.26	-.0432	284.98
19066.961	.00096	284.98	285.26	-.0432	284.71
19067.529	.00168	284.98	285.26	-.0432	284.71
19068.097	.00120	284.98	285.26	-.0432	284.71
19068.665	.00168	284.98	284.98	-.0432	284.71
19068.665	.00168	284.98	284.98	-.0432	284.71
19069.233	.00120	284.98	285.26	-.0432	284.98
19069.801	.00168	284.71	284.98	-.0432	284.98
19070.370	.00120	284.98	285.26	-.0432	284.98
19070.938	.00120	284.98	285.26	-.0432	284.71
19071.506	.00144	284.98	284.98	-.0432	284.71
19072.074	.00120	284.71	284.98	-.0432	284.71
19072.642	.00168	284.98	285.26	-.0432	284.71
19073.210	.00096	284.98	285.26	-.0432	284.71
19073.778	.00168	284.98	285.26	-.0432	284.98
19073.778	.00168	284.98	285.26	-.0432	284.98
19074.346	.00096	284.98	284.98	-.0432	284.98
19074.914	.00168	284.98	285.26	-.0432	284.71
19075.482	.00096	284.71	285.26	-.0432	284.98
19076.050	.00144	284.98	285.26	-.0432	284.71
19076.619	.00168	284.98	285.26	-.0432	284.71
19077.187	.00096	284.98	285.26	-.0432	284.71
19077.755	.00168	284.98	285.26	-.0432	284.71
19078.323	.00144	284.98	284.98	-.0432	284.71
19078.323	.00144	284.98	284.98	-.0432	284.71
19078.891	.00120	284.98	285.26	-.0432	284.71
19079.459	.00168	284.98	285.26	-.0432	284.98
19080.027	.00120	284.98	284.98	-.0432	284.71
19080.595	.00120	284.98	285.26	-.0432	284.71
19081.163	.00168	284.98	285.26	-.0432	284.71
19081.731	.00144	284.98	285.26	-.0432	284.98
19082.300	.00120	284.98	285.26	-.0432	284.71
19082.868	.00168	284.98	285.26	-.0432	284.71
19083.436	.00096	284.98	284.98	-.0432	284.98
19083.436	.00096	284.98	284.98	-.0432	284.98
19084.004	.00144	284.98	285.26	-.0432	284.71
19084.572	.00144	284.98	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
19028.899	.00096	284.98	285.26	-.0432	284.71
19029.467	.00144	284.98	285.26	-.0432	284.71
19030.035	.00168	284.98	285.26	-.0432	284.98
19030.603	.00120	284.98	285.26	-.0432	284.71
19031.171	.00144	284.98	284.98	-.0432	284.71
19031.739	.00168	284.98	284.98	-.0432	284.71
19032.307	.00120	284.98	284.98	-.0432	284.71
19032.875	.00144	284.98	284.98	-.0432	284.71
19033.443	.00168	284.98	285.26	-.0432	284.71
19033.443	.00168	284.98	285.26	-.0432	284.71
19034.012	.00120	284.98	284.98	-.0432	284.71
19034.580	.00144	284.98	285.26	-.0432	284.71
19035.148	.00168	284.98	284.98	-.0432	284.98
19035.716	.00096	284.98	285.26	-.0432	284.71
19036.284	.00144	284.98	285.26	-.0432	284.98
19036.852	.00168	284.98	285.26	-.0432	284.98
19037.420	.00096	284.98	284.98	-.0432	284.98
19037.988	.00144	284.98	285.26	-.0432	284.98
19038.556	.00168	284.98	285.26	-.0432	284.71
19038.556	.00168	284.98	285.26	-.0432	284.71
19039.124	.00120	284.98	285.26	-.0432	284.71
19039.692	.00144	284.98	285.26	-.0432	284.71
19040.261	.00168	284.98	285.26	-.0432	284.98
19040.829	.00120	284.98	285.26	-.0432	284.98
19041.397	.00144	284.98	285.26	-.0432	284.71
19041.965	.00168	284.98	285.26	-.0432	284.71
19042.533	.00120	284.98	285.26	-.0432	284.71
19043.101	.00144	284.98	284.98	-.0432	284.71
19043.669	.00144	284.98	284.98	-.0432	284.71
19043.669	.00144	284.98	284.98	-.0432	284.71
19044.237	.00096	284.98	285.26	-.0432	284.71
19044.805	.00168	284.98	285.26	-.0432	284.71
19045.373	.00120	284.98	285.26	-.0432	284.98
19045.941	.00144	284.98	284.98	-.0432	284.71
19046.510	.00168	284.98	284.98	-.0432	284.71
19047.078	.00096	284.71	285.26	-.0432	284.98
19047.646	.00168	284.98	285.26	-.0432	284.98
19048.214	.00120	284.98	285.26	-.0432	284.71
19048.782	.00144	284.98	285.26	-.0432	284.98
19048.782	.00144	284.98	285.26	-.0432	284.98
19049.350	.00120	284.98	284.98	-.0432	284.71
19049.918	.00144	284.71	285.26	-.0432	284.98
19050.486	.00120	284.98	284.98	-.0432	284.71
19051.054	.00144	284.98	285.26	-.0432	284.98
19051.622	.00120	284.98	284.98	-.0432	284.98
19052.191	.00144	284.98	284.98	-.0432	284.71
19052.759	.00120	284.98	285.26	-.0432	284.71
19053.327	.00144	284.98	285.26	-.0432	284.71
19053.327	.00144	284.98	285.26	-.0432	284.71
19053.895	.00120	284.98	284.98	-.0432	284.71
19054.463	.00144	284.98	284.98	-.0432	284.98
19055.031	.00144	284.98	284.98	-.0432	284.71
19055.599	.00096	284.71	285.26	-.0432	284.71
19056.167	.00168	284.71	285.26	-.0432	284.71
19056.735	.00120	284.98	285.26	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
19001.062	.00120	284.98	285.26	-.0432	284.71
19001.630	.00144	284.98	285.26	-.0432	284.71
19002.198	.00168	284.98	285.26	-.0432	284.98
19002.766	.00168	284.98	284.98	-.0432	284.71
19003.334	.00168	284.98	285.26	-.0432	284.98
19003.334	.00168	284.98	285.26	-.0432	284.98
19003.903	.00144	284.98	285.26	-.0432	284.71
19004.471	.00120	284.98	285.26	-.0432	284.71
19005.039	.00096	284.98	285.26	-.0432	284.98
19005.607	.00120	284.98	284.98	-.0432	284.71
19006.175	.00144	284.98	284.98	-.0432	284.98
19006.743	.00144	284.98	285.26	-.0432	284.98
19007.311	.00168	284.98	285.26	-.0432	284.71
19007.879	.00168	284.98	285.26	-.0432	284.71
19008.447	.00120	284.98	285.26	-.0432	284.71
19008.447	.00120	284.98	285.26	-.0432	284.71
19009.015	.00120	284.98	284.98	-.0432	284.71
19009.583	.00096	284.98	285.26	-.0432	284.71
19010.152	.00144	284.98	285.26	-.0432	284.98
19010.720	.00168	284.98	285.26	-.0432	284.71
19011.288	.00120	284.71	285.26	-.0432	284.98
19011.856	.00096	284.98	284.98	-.0432	284.98
19012.424	.00144	284.98	285.26	-.0432	284.71
19012.992	.00144	284.98	285.26	-.0432	284.71
19013.560	.00096	284.98	285.26	-.0432	284.71
19013.560	.00096	284.98	285.26	-.0432	284.71
19014.128	.00144	284.98	285.26	-.0432	284.71
19014.696	.00168	284.98	285.26	-.0432	284.71
19015.264	.00120	284.98	285.26	-.0432	284.98
19015.833	.00144	284.71	285.26	-.0432	284.71
19016.401	.00168	284.71	285.26	-.0432	284.71
19016.969	.00096	284.98	284.98	-.0432	284.71
19017.537	.00144	284.98	284.98	-.0432	284.98
19018.105	.00168	284.98	285.26	-.0432	284.98
19018.673	.00120	284.98	285.26	-.0432	284.71
19018.673	.00120	284.98	285.26	-.0432	284.71
19019.241	.00120	284.98	285.26	-.0432	284.71
19019.809	.00168	284.98	284.98	-.0432	284.98
19020.377	.00120	284.98	285.26	-.0432	284.71
19020.945	.00096	284.98	284.98	-.0432	284.71
19021.513	.00144	284.98	285.26	-.0432	284.98
19022.082	.00168	284.98	285.26	-.0432	284.71
19022.650	.00120	284.98	285.26	-.0432	284.71
19023.218	.00120	284.98	284.98	-.0432	284.71
19023.786	.00168	284.98	285.26	-.0432	284.98
19023.786	.00168	284.98	285.26	-.0432	284.98
19024.354	.00144	284.71	285.26	-.0432	284.98
19024.922	.00096	284.98	285.26	-.0432	284.98
19025.490	.00144	284.71	284.98	-.0432	284.71
19026.058	.00168	284.98	285.26	-.0432	284.71
19026.626	.00120	284.98	284.98	-.0432	284.71
19027.194	.00120	284.98	285.26	-.0432	284.98
19027.762	.00144	284.98	285.26	-.0432	284.71
19028.331	.00144	284.98	285.26	-.0432	284.71
19028.331	.00144	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18973.225	.00168	284.98	285.26	-.0432	284.71
18973.794	.00144	284.98	285.26	-.0432	284.98
18973.794	.00144	284.98	285.26	-.0432	284.98
18974.362	.00120	284.98	284.98	-.0432	284.98
18974.930	.00096	284.71	285.26	-.0432	284.71
18975.498	.00096	284.71	284.98	-.0432	284.98
18976.066	.00120	284.98	285.26	-.0432	284.71
18976.634	.00144	284.98	284.98	-.0432	284.71
18977.202	.00168	284.98	285.26	-.0432	284.71
18977.770	.00168	284.98	285.26	-.0432	284.98
18978.338	.00144	284.71	285.26	-.0432	284.71
18978.338	.00144	284.71	285.26	-.0432	284.71
18978.906	.00144	284.98	285.26	-.0432	284.71
18979.474	.00120	284.98	285.26	-.0432	284.71
18980.043	.00120	284.98	285.26	-.0432	284.71
18980.611	.00096	284.98	285.26	-.0432	284.71
18981.179	.00096	284.98	284.98	-.0432	284.71
18981.747	.00096	284.98	284.98	-.0432	284.71
18982.315	.00096	284.98	285.26	-.0432	284.71
18982.883	.00120	284.98	285.26	-.0432	284.98
18983.451	.00096	284.98	285.26	-.0432	284.98
18983.451	.00096	284.98	285.26	-.0432	284.98
18984.019	.00096	284.98	284.98	-.0432	284.98
18984.587	.00120	284.98	285.26	-.0432	284.71
18985.155	.00120	284.98	285.26	-.0432	284.71
18985.724	.00120	284.98	285.26	-.0432	284.71
18986.292	.00120	284.98	285.26	-.0432	284.71
18986.860	.00144	284.98	285.26	-.0432	284.98
18987.428	.00144	284.71	285.26	-.0432	284.71
18987.996	.00168	284.98	285.26	-.0432	284.71
18988.564	.00168	284.98	284.98	-.0432	284.71
18988.564	.00168	284.98	284.98	-.0432	284.71
18989.132	.00168	284.98	284.98	-.0432	284.71
18989.700	.00168	284.98	284.98	-.0432	284.98
18990.268	.00168	284.98	285.26	-.0432	284.71
18990.836	.00168	284.98	285.26	-.0432	284.71
18991.404	.00168	284.98	284.98	-.0432	284.71
18991.973	.00144	284.98	284.98	-.0432	284.71
18992.541	.00144	284.98	285.26	-.0432	284.98
18993.109	.00120	284.71	285.26	-.0432	284.98
18993.677	.00120	284.98	284.98	-.0432	284.71
18993.677	.00120	284.98	284.98	-.0432	284.71
18994.245	.00096	284.98	285.26	-.0432	284.98
18994.813	.00096	284.98	285.26	-.0432	284.98
18995.381	.00096	284.98	285.26	-.0432	284.98
18995.949	.00096	284.98	285.26	-.0432	284.98
18996.517	.00120	284.98	285.26	-.0432	284.98
18997.085	.00144	284.98	284.98	-.0432	284.98
18997.653	.00168	284.98	285.26	-.0432	284.98
18998.222	.00168	284.98	284.98	-.0432	284.98
18998.790	.00144	284.98	284.98	-.0432	284.98
18998.790	.00144	284.98	284.98	-.0432	284.98
18999.358	.00120	284.71	285.26	-.0432	284.98
18999.926	.00096	284.98	285.26	-.0432	284.98
19000.494	.00096	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18944.821	.00096	284.71	285.26	-.0432	284.71
18945.389	.00120	284.98	285.26	-.0432	284.71
18945.957	.00168	284.98	284.98	-.0432	284.98
18946.525	.00144	284.71	285.26	-.0432	284.71
18947.093	.00096	284.98	285.26	-.0432	284.71
18947.661	.00168	284.98	284.98	-.0432	284.71
18948.229	.00144	284.98	285.26	-.0432	284.71
18948.797	.00096	284.98	284.98	-.0432	284.71
18948.797	.00096	284.98	284.98	-.0432	284.71
18949.366	.00120	284.98	284.98	-.0432	284.71
18949.934	.00168	284.98	285.26	-.0432	284.98
18950.502	.00144	284.71	285.26	-.0432	284.71
18951.070	.00096	284.98	285.26	-.0432	284.71
18951.638	.00144	284.71	285.26	-.0432	284.71
18952.206	.00168	284.71	284.98	-.0432	284.71
18952.774	.00144	284.98	284.98	-.0432	284.98
18953.342	.00096	284.71	285.26	-.0432	284.71
18953.342	.00096	284.71	285.26	-.0432	284.71
18953.910	.00144	284.98	284.98	-.0432	284.71
18954.478	.00168	284.98	285.26	-.0432	284.71
18955.046	.00120	284.98	284.98	-.0432	284.71
18955.615	.00120	284.71	285.26	-.0432	284.98
18956.183	.00168	284.98	285.26	-.0432	284.71
18956.751	.00144	284.98	285.26	-.0432	284.98
18957.319	.00120	284.98	285.26	-.0432	284.71
18957.887	.00096	284.71	285.26	-.0432	284.71
18958.455	.00120	284.98	285.26	-.0432	284.71
18958.455	.00120	284.98	285.26	-.0432	284.71
18959.023	.00144	284.98	284.98	-.0432	284.71
18959.591	.00168	284.98	285.26	-.0432	284.71
18960.159	.00168	284.98	285.26	-.0432	284.98
18960.727	.00144	284.98	285.26	-.0432	284.71
18961.295	.00144	284.98	285.26	-.0432	284.98
18961.864	.00120	284.98	285.26	-.0432	284.71
18962.432	.00096	284.98	284.98	-.0432	284.71
18963.000	.00096	284.98	285.26	-.0432	284.71
18963.568	.00120	284.71	285.26	-.0432	284.98
18963.568	.00120	284.71	285.26	-.0432	284.98
18964.136	.00120	284.98	285.26	-.0432	284.98
18964.704	.00144	284.98	285.26	-.0432	284.98
18965.272	.00168	284.98	285.26	-.0432	284.98
18965.840	.00168	284.98	285.26	-.0432	284.71
18966.408	.00168	284.98	285.26	-.0432	284.71
18966.976	.00168	284.98	285.26	-.0432	284.71
18967.545	.00144	284.98	285.26	-.0432	284.71
18968.113	.00168	284.98	285.26	-.0432	284.71
18968.681	.00144	284.98	284.98	-.0432	284.71
18968.681	.00144	284.98	284.98	-.0432	284.71
18969.249	.00144	284.98	285.26	-.0432	284.71
18969.817	.00120	284.98	285.26	-.0432	284.71
18970.385	.00096	284.98	285.26	-.0432	284.98
18970.953	.00096	284.98	284.98	-.0432	284.71
18971.521	.00120	284.98	285.26	-.0432	284.71
18972.089	.00144	284.98	284.98	-.0432	284.71
18972.657	.00168	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18916.984	.00144	284.98	284.98	-.0432	284.71
18917.552	.00120	284.98	285.26	-.0432	284.71
18918.120	.00168	284.98	284.98	-.0432	284.71
18918.688	.00096	284.98	284.98	-.0432	284.98
18918.688	.00096	284.98	284.98	-.0432	284.98
18919.257	.00168	284.71	285.26	-.0432	284.98
18919.825	.00096	284.71	284.98	-.0432	284.71
18920.393	.00168	284.98	285.26	-.0432	284.71
18920.961	.00096	284.98	284.98	-.0432	284.71
18921.529	.00168	284.98	284.98	-.0432	284.98
18922.097	.00120	284.98	284.98	-.0432	284.71
18922.665	.00120	284.98	285.26	-.0432	284.71
18923.233	.00168	284.98	284.98	-.0432	284.71
18923.801	.00096	284.98	285.26	-.0432	284.71
18923.801	.00096	284.98	285.26	-.0432	284.71
18924.369	.00168	284.98	285.26	-.0432	284.98
18924.937	.00120	284.98	285.26	-.0432	284.71
18925.506	.00120	284.98	285.26	-.0432	284.71
18926.074	.00168	284.98	285.26	-.0432	284.71
18926.642	.00144	284.98	285.26	-.0432	284.98
18927.210	.00096	284.98	284.98	-.0432	284.98
18927.778	.00120	284.98	285.26	-.0432	284.71
18928.346	.00144	284.71	284.98	-.0432	284.71
18928.346	.00144	284.71	284.98	-.0432	284.71
18928.914	.00168	284.98	284.98	-.0432	284.71
18929.482	.00144	284.98	284.98	-.0432	284.98
18930.050	.00120	284.71	285.26	-.0432	284.98
18930.618	.00096	284.98	285.26	-.0432	284.98
18931.187	.00120	284.98	285.26	-.0432	284.71
18931.755	.00168	284.98	285.26	-.0432	284.71
18932.323	.00168	284.98	284.98	-.0432	284.71
18932.891	.00144	284.98	284.98	-.0432	284.71
18933.459	.00120	284.98	284.98	-.0432	284.71
18933.459	.00120	284.98	284.98	-.0432	284.71
18934.027	.00096	284.98	284.98	-.0432	284.71
18934.595	.00096	284.98	284.98	-.0432	284.71
18935.163	.00120	284.98	285.26	-.0432	284.98
18935.731	.00168	284.98	285.26	-.0432	284.71
18936.299	.00144	284.98	285.26	-.0432	284.71
18936.867	.00096	284.98	285.26	-.0432	284.71
18937.436	.00120	284.98	285.26	-.0432	284.71
18938.004	.00168	284.98	285.26	-.0432	284.98
18938.572	.00144	284.98	284.98	-.0432	284.71
18938.572	.00144	284.98	284.98	-.0432	284.71
18939.140	.00144	284.71	285.26	-.0432	284.71
18939.708	.00096	284.98	285.26	-.0432	284.71
18940.276	.00120	284.98	285.26	-.0432	284.71
18940.844	.00144	284.98	284.98	-.0432	284.71
18941.412	.00168	284.71	285.26	-.0432	284.98
18941.980	.00144	284.98	284.98	-.0432	284.71
18942.548	.00096	284.98	285.26	-.0432	284.71
18943.116	.00120	284.98	285.26	-.0432	284.71
18943.685	.00168	284.71	285.26	-.0432	284.71
18943.685	.00168	284.71	285.26	-.0432	284.71
18944.253	.00144	284.98	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18888.579	.00120	284.98	284.98	-.0432	284.71
18888.579	.00120	284.98	284.98	-.0432	284.71
18889.148	.00168	284.98	285.26	-.0432	284.71
18889.716	.00144	284.71	284.98	-.0432	284.71
18890.284	.00120	284.98	285.26	-.0432	284.98
18890.852	.00096	284.98	285.26	-.0432	284.71
18891.420	.00144	284.98	285.26	-.0432	284.98
18891.988	.00168	284.98	285.26	-.0432	284.71
18892.556	.00120	284.98	284.98	-.0432	284.98
18893.124	.00120	284.98	284.98	-.0432	284.98
18893.692	.00168	284.98	285.26	-.0432	284.71
18893.692	.00168	284.98	285.26	-.0432	284.71
18894.260	.00144	284.98	285.26	-.0432	284.71
18894.828	.00120	284.98	285.26	-.0432	284.71
18895.397	.00144	284.71	285.26	-.0432	284.71
18895.965	.00168	284.98	284.98	-.0432	284.98
18896.533	.00096	284.98	284.98	-.0432	284.71
18897.101	.00144	284.98	285.26	-.0432	284.98
18897.669	.00168	284.98	285.26	-.0432	284.98
18898.237	.00096	284.98	285.26	-.0432	284.98
18898.805	.00144	284.98	285.26	-.0432	284.71
18899.373	.00144	284.98	285.26	-.0432	284.98
18899.941	.00096	284.98	285.26	-.0432	284.98
18900.509	.00144	284.98	284.98	-.0432	284.71
18901.078	.00168	284.98	285.26	-.0432	284.71
18901.646	.00120	284.71	284.98	-.0432	284.98
18902.214	.00120	284.98	284.98	-.0432	284.71
18902.782	.00168	284.71	285.26	-.0432	284.71
18903.350	.00096	284.98	285.26	-.0432	284.71
18903.350	.00096	284.98	285.26	-.0432	284.71
18903.918	.00144	284.98	284.98	-.0432	284.71
18904.486	.00168	284.98	285.26	-.0432	284.98
18905.054	.00120	284.98	285.26	-.0432	284.71
18905.622	.00120	284.98	284.98	-.0432	284.98
18906.190	.00168	284.98	285.26	-.0432	284.71
18906.758	.00120	284.98	285.26	-.0432	284.71
18907.327	.00144	284.98	285.26	-.0432	284.71
18907.895	.00144	284.98	285.26	-.0432	284.98
18908.463	.00096	284.98	285.26	-.0432	284.71
18908.463	.00096	284.98	285.26	-.0432	284.71
18909.031	.00168	284.98	284.98	-.0432	284.71
18909.599	.00120	284.71	284.98	-.0432	284.71
18910.167	.00144	284.98	285.26	-.0432	284.71
18910.735	.00144	284.71	285.26	-.0432	284.98
18911.303	.00096	284.98	285.26	-.0432	284.71
18911.871	.00168	284.98	285.26	-.0432	284.71
18912.439	.00096	284.98	284.98	-.0432	284.98
18913.007	.00168	284.71	285.26	-.0432	284.71
18913.576	.00120	284.98	285.26	-.0432	284.71
18913.576	.00120	284.98	285.26	-.0432	284.71
18914.144	.00144	284.98	285.26	-.0432	284.98
18914.712	.00120	284.71	285.26	-.0432	284.71
18915.280	.00144	284.98	285.26	-.0432	284.71
18915.848	.00120	284.98	284.98	-.0432	284.71
18916.416	.00144	284.98	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18860.175	.00096	284.98	285.26	-.0432	284.71
18860.743	.00096	284.98	284.98	-.0432	284.71
18861.311	.00144	284.98	284.98	-.0432	284.71
18861.879	.00168	284.98	284.98	-.0432	284.98
18862.447	.00168	284.98	285.26	-.0432	284.71
18863.015	.00144	284.98	285.26	-.0432	284.71
18863.583	.00120	284.98	284.98	-.0432	284.71
18863.583	.00120	284.98	284.98	-.0432	284.71
18864.151	.00096	284.71	285.26	-.0432	284.71
18864.720	.00096	284.98	285.26	-.0432	284.98
18865.288	.00120	284.98	284.98	-.0432	284.71
18865.856	.00144	284.98	285.26	-.0432	284.71
18866.424	.00144	284.98	284.98	-.0432	284.71
18866.992	.00144	284.98	284.98	-.0432	284.98
18867.560	.00168	284.98	285.26	-.0432	284.98
18868.128	.00168	284.98	285.26	-.0432	284.98
18868.696	.00144	284.98	284.98	-.0432	284.71
18868.696	.00144	284.98	284.98	-.0432	284.71
18869.264	.00120	284.98	285.26	-.0432	284.71
18869.832	.00096	284.98	285.26	-.0432	284.98
18870.400	.00144	284.98	285.26	-.0432	284.71
18870.969	.00168	284.98	285.26	-.0432	284.71
18871.537	.00144	284.98	285.26	-.0432	284.71
18872.105	.00120	284.98	284.98	-.0432	284.98
18872.673	.00096	284.98	284.98	-.0432	284.98
18873.241	.00120	284.98	284.98	-.0432	284.98
18873.241	.00120	284.98	284.98	-.0432	284.98
18873.809	.00144	284.98	284.98	-.0432	284.71
18874.377	.00168	284.98	285.26	-.0432	284.71
18874.945	.00120	284.98	285.26	-.0432	284.98
18875.513	.00096	284.98	284.98	-.0432	284.71
18876.081	.00120	284.98	285.26	-.0432	284.98
18876.649	.00144	284.98	284.98	-.0432	284.71
18877.218	.00168	284.98	285.26	-.0432	284.71
18877.786	.00144	284.98	285.26	-.0432	284.71
18878.354	.00096	284.98	284.98	-.0432	284.71
18878.354	.00096	284.98	284.98	-.0432	284.71
18878.922	.00144	284.98	285.26	-.0432	284.98
18879.490	.00168	284.98	285.26	-.0432	284.71
18880.058	.00120	284.98	285.26	-.0432	284.71
18880.626	.00120	284.98	285.26	-.0432	284.71
18881.194	.00120	284.98	284.98	-.0432	284.98
18881.762	.00144	284.98	284.98	-.0432	284.98
18882.330	.00168	284.98	285.26	-.0432	284.71
18882.899	.00120	284.98	284.98	-.0432	284.71
18883.467	.00096	284.98	285.26	-.0432	284.71
18883.467	.00096	284.98	285.26	-.0432	284.71
18884.035	.00144	284.71	284.98	-.0432	284.71
18884.603	.00168	284.98	285.26	-.0432	284.98
18885.171	.00120	284.98	285.26	-.0432	284.98
18885.739	.00096	284.71	284.98	-.0432	284.98
18886.307	.00144	284.98	285.26	-.0432	284.71
18886.875	.00168	284.98	285.26	-.0432	284.98
18887.443	.00144	284.98	284.98	-.0432	284.71
18888.011	.00096	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18832.338	.00096	284.98	284.98	-.0432	284.71
18832.906	.00120	284.98	285.26	-.0432	284.71
18833.474	.00168	284.98	285.26	-.0432	284.71
18833.474	.00168	284.98	285.26	-.0432	284.71
18834.042	.00168	284.71	285.26	-.0432	284.71
18834.611	.00168	284.71	285.26	-.0432	284.71
18835.179	.00144	284.98	285.26	-.0432	284.71
18835.747	.00144	284.98	285.26	-.0432	284.98
18836.315	.00144	284.98	284.98	-.0432	284.98
18836.883	.00096	284.98	285.26	-.0432	284.71
18837.451	.00096	284.98	284.98	-.0432	284.98
18838.019	.00096	284.98	284.98	-.0432	284.71
18838.587	.00096	284.71	284.98	-.0432	284.71
18838.587	.00096	284.71	284.98	-.0432	284.71
18839.155	.00120	284.98	285.26	-.0432	284.71
18839.723	.00120	284.98	285.26	-.0432	284.71
18840.291	.00120	284.98	285.26	-.0432	284.71
18840.860	.00120	284.98	284.98	-.0432	284.71
18841.428	.00120	284.98	285.26	-.0432	284.71
18841.996	.00096	284.98	284.98	-.0432	284.71
18842.564	.00120	284.98	285.26	-.0432	284.71
18843.132	.00120	284.98	285.26	-.0432	284.71
18843.700	.00120	284.71	284.98	-.0432	284.71
18843.700	.00120	284.71	284.98	-.0432	284.71
18844.268	.00120	284.98	285.26	-.0432	284.98
18844.836	.00120	284.98	285.26	-.0432	284.98
18845.404	.00144	284.71	285.26	-.0432	284.98
18845.972	.00168	284.71	284.98	-.0432	284.71
18846.541	.00168	284.98	284.98	-.0432	284.71
18847.109	.00168	284.98	284.98	-.0432	284.98
18847.677	.00168	284.98	284.98	-.0432	284.71
18848.245	.00168	284.98	285.26	-.0432	284.71
18848.245	.00168	284.98	285.26	-.0432	284.71
18848.813	.00144	284.98	285.26	-.0432	284.71
18849.381	.00144	284.98	284.98	-.0432	284.71
18849.949	.00120	284.98	284.98	-.0432	284.71
18850.517	.00120	284.98	285.26	-.0432	284.71
18851.085	.00120	284.98	284.98	-.0432	284.71
18851.653	.00120	284.98	284.98	-.0432	284.71
18852.221	.00120	284.98	285.26	-.0432	284.71
18852.790	.00096	284.98	284.98	-.0432	284.71
18853.358	.00096	284.98	284.98	-.0432	284.71
18853.358	.00096	284.98	284.98	-.0432	284.71
18853.926	.00096	284.98	284.98	-.0432	284.71
18854.494	.00096	284.98	285.26	-.0432	284.71
18855.062	.00144	284.98	284.98	-.0432	284.71
18855.630	.00144	284.98	284.98	-.0432	284.71
18856.198	.00168	284.71	285.26	-.0432	284.71
18856.766	.00120	284.98	285.26	-.0432	284.71
18857.334	.00096	284.98	284.98	-.0432	284.98
18857.902	.00144	284.98	284.98	-.0432	284.98
18858.470	.00168	284.98	285.26	-.0432	284.71
18858.470	.00168	284.98	285.26	-.0432	284.71
18859.039	.00168	284.98	285.26	-.0432	284.71
18859.607	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18803.933	.00144	284.71	284.98	-.0432	284.71
18804.502	.00144	284.71	284.98	-.0432	284.71
18805.070	.00096	284.98	284.98	-.0432	284.98
18805.638	.00120	284.71	284.98	-.0432	284.71
18806.206	.00168	284.98	285.26	-.0432	284.71
18806.774	.00120	284.98	285.26	-.0432	284.71
18807.342	.00120	284.98	284.98	-.0432	284.71
18807.910	.00168	284.71	284.98	-.0432	284.71
18808.478	.00144	284.98	284.98	-.0432	284.71
18808.478	.00144	284.98	284.98	-.0432	284.71
18809.046	.00096	284.98	285.26	-.0432	284.71
18809.614	.00120	284.98	285.26	-.0432	284.71
18810.183	.00168	284.98	284.98	-.0432	284.71
18810.751	.00168	284.98	284.98	-.0432	284.98
18811.319	.00120	284.98	284.98	-.0432	284.71
18811.887	.00096	284.98	285.26	-.0432	284.71
18812.455	.00120	284.98	284.98	-.0432	284.71
18813.023	.00144	284.98	285.26	-.0432	284.71
18813.591	.00144	284.98	284.98	-.0432	284.71
18813.591	.00144	284.98	284.98	-.0432	284.71
18814.159	.00120	284.98	285.26	-.0432	284.71
18814.727	.00096	284.98	284.98	-.0432	284.71
18815.295	.00168	284.98	284.98	-.0432	284.71
18815.863	.00144	284.98	284.98	-.0432	284.71
18816.432	.00096	284.71	284.98	-.0432	284.71
18817.000	.00120	284.98	285.26	-.0432	284.71
18817.568	.00144	284.98	284.98	-.0432	284.71
18818.136	.00168	284.98	284.98	-.0432	284.71
18818.704	.00144	284.71	285.26	-.0432	284.71
18818.704	.00144	284.71	285.26	-.0432	284.71
18819.272	.00096	284.98	285.26	-.0432	284.71
18819.840	.00120	284.98	285.26	-.0432	284.71
18820.408	.00168	284.98	285.26	-.0432	284.71
18820.976	.00144	284.98	284.98	-.0432	284.71
18821.544	.00096	284.98	285.26	-.0432	284.98
18822.112	.00144	284.98	284.98	-.0432	284.71
18822.681	.00168	284.98	285.26	-.0432	284.71
18823.249	.00120	284.98	284.98	-.0432	284.71
18823.249	.00120	284.98	284.98	-.0432	284.71
18823.817	.00096	284.98	284.98	-.0432	284.71
18824.385	.00120	284.98	284.98	-.0432	284.98
18824.953	.00168	284.98	284.98	-.0432	284.98
18825.521	.00144	284.98	285.26	-.0432	284.71
18826.089	.00120	284.98	285.26	-.0432	284.71
18826.657	.00096	284.98	285.26	-.0432	284.71
18827.225	.00144	284.71	285.26	-.0432	284.71
18827.793	.00168	284.71	285.26	-.0432	284.98
18828.362	.00144	284.98	284.98	-.0432	284.71
18828.362	.00144	284.98	284.98	-.0432	284.71
18828.930	.00096	284.98	284.98	-.0432	284.71
18829.498	.00120	284.98	285.26	-.0432	284.71
18830.066	.00144	284.98	285.26	-.0432	284.71
18830.634	.00168	284.98	285.26	-.0432	284.71
18831.202	.00144	284.98	285.26	-.0432	284.71
18831.770	.00096	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18776.097	.00144	284.71	285.26	-.0432	284.98
18776.665	.00120	284.71	284.98	-.0432	284.98
18777.233	.00144	284.98	284.98	-.0432	284.71
18777.801	.00168	284.98	285.26	-.0432	284.71
18778.369	.00096	284.98	284.98	-.0432	284.71
18778.369	.00096	284.98	284.98	-.0432	284.71
18778.937	.00168	284.98	285.26	-.0432	284.71
18779.505	.00120	284.98	284.98	-.0432	284.71
18780.074	.00168	284.98	285.26	-.0432	284.71
18780.642	.00120	284.98	284.98	-.0432	284.71
18781.210	.00144	284.98	285.26	-.0432	284.71
18781.778	.00120	284.71	284.98	-.0432	284.71
18782.346	.00168	284.98	284.98	-.0432	284.71
18782.914	.00120	284.71	285.26	-.0432	284.98
18783.482	.00168	284.98	284.98	-.0432	284.98
18783.482	.00168	284.98	284.98	-.0432	284.98
18784.050	.00120	284.98	285.26	-.0432	284.71
18784.618	.00120	284.98	285.26	-.0432	284.71
18785.186	.00168	284.98	284.98	-.0432	284.71
18785.754	.00144	284.98	285.26	-.0432	284.71
18786.323	.00096	284.98	285.26	-.0432	284.71
18786.891	.00144	284.98	284.98	-.0432	284.71
18787.459	.00144	284.71	284.98	-.0432	284.71
18788.027	.00096	284.71	284.98	-.0432	284.71
18788.595	.00120	284.98	284.98	-.0432	284.71
18788.595	.00120	284.98	284.98	-.0432	284.71
18789.163	.00168	284.98	285.26	-.0432	284.98
18789.731	.00096	284.98	285.26	-.0432	284.71
18790.299	.00144	284.98	284.98	-.0432	284.71
18790.867	.00144	284.98	284.98	-.0432	284.71
18791.435	.00096	284.98	285.26	-.0432	284.98
18792.004	.00144	284.98	284.98	-.0432	284.71
18792.572	.00144	284.98	284.98	-.0432	284.98
18793.140	.00096	284.71	285.26	-.0432	284.71
18793.708	.00168	284.98	284.98	-.0432	284.71
18793.708	.00168	284.98	284.98	-.0432	284.71
18794.276	.00120	284.71	285.26	-.0432	284.71
18794.844	.00120	284.71	285.26	-.0432	284.71
18795.412	.00168	284.98	284.98	-.0432	284.98
18795.980	.00096	284.98	284.98	-.0432	284.71
18796.548	.00120	284.98	284.98	-.0432	284.71
18797.116	.00144	284.98	285.26	-.0432	284.71
18797.684	.00120	284.98	284.98	-.0432	284.98
18798.253	.00168	284.98	285.26	-.0432	284.71
18798.253	.00168	284.98	285.26	-.0432	284.71
18798.821	.00144	284.98	284.98	-.0432	284.71
18799.389	.00096	284.98	285.26	-.0432	284.98
18799.957	.00144	284.98	285.26	-.0432	284.98
18800.525	.00168	284.98	285.26	-.0432	284.71
18801.093	.00120	284.98	284.98	-.0432	284.71
18801.661	.00120	284.71	285.26	-.0432	284.98
18802.229	.00168	284.98	284.98	-.0432	284.71
18802.797	.00144	284.98	285.26	-.0432	284.71
18803.365	.00120	284.98	285.26	-.0432	284.71
18803.365	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18748.260	.00096	284.71	284.98	-.0432	284.71
18748.260	.00096	284.71	284.98	-.0432	284.71
18748.828	.00096	284.98	285.26	-.0432	284.71
18749.396	.00096	284.98	285.26	-.0432	284.71
18749.965	.00120	284.98	284.98	-.0432	284.71
18750.533	.00144	284.98	284.98	-.0432	284.71
18751.101	.00168	284.98	284.98	-.0432	284.71
18751.669	.00168	284.98	285.26	-.0432	284.98
18752.237	.00144	284.98	285.26	-.0432	284.71
18752.805	.00120	284.98	284.98	-.0432	284.71
18753.373	.00096	284.98	284.98	-.0432	284.71
18753.373	.00096	284.98	284.98	-.0432	284.71
18753.941	.00096	284.98	284.98	-.0432	284.71
18754.509	.00120	284.98	285.26	-.0432	284.98
18755.077	.00144	284.71	285.26	-.0432	284.98
18755.646	.00168	284.98	284.98	-.0432	284.71
18756.214	.00168	284.98	284.98	-.0432	284.98
18756.782	.00144	284.71	285.26	-.0432	284.98
18757.350	.00120	284.98	285.26	-.0432	284.71
18757.918	.00120	284.71	284.98	-.0432	284.98
18758.486	.00096	284.71	285.26	-.0432	284.71
18758.486	.00096	284.71	285.26	-.0432	284.71
18759.054	.00096	284.98	284.98	-.0432	284.71
18759.622	.00120	284.98	285.26	-.0432	284.98
18760.190	.00168	284.71	285.26	-.0432	284.71
18760.758	.00144	284.98	284.98	-.0432	284.71
18761.326	.00120	284.98	285.26	-.0432	284.71
18761.895	.00120	284.98	284.98	-.0432	284.71
18762.463	.00168	284.71	284.98	-.0432	284.71
18763.031	.00120	284.98	284.98	-.0432	284.71
18763.599	.00120	284.98	285.26	-.0432	284.71
18763.599	.00120	284.98	285.26	-.0432	284.71
18764.167	.00168	284.98	284.98	-.0432	284.98
18764.735	.00096	284.98	284.98	-.0432	284.71
18765.303	.00144	284.98	285.26	-.0432	284.98
18765.871	.00120	284.71	284.98	-.0432	284.71
18766.439	.00120	284.98	285.26	-.0432	284.71
18767.007	.00168	284.98	284.98	-.0432	284.71
18767.575	.00120	284.71	285.26	-.0432	284.98
18768.144	.00120	284.71	285.26	-.0432	284.71
18768.712	.00168	284.98	285.26	-.0432	284.71
18768.712	.00168	284.98	285.26	-.0432	284.71
18769.280	.00096	284.98	284.98	-.0432	284.71
18769.848	.00144	284.98	285.26	-.0432	284.71
18770.416	.00144	284.98	285.26	-.0432	284.71
18770.984	.00120	284.98	284.98	-.0432	284.71
18771.552	.00144	284.98	284.98	-.0432	284.71
18772.120	.00096	284.71	284.98	-.0432	284.71
18772.688	.00168	284.98	285.26	-.0432	284.71
18773.256	.00096	284.98	284.98	-.0432	284.71
18773.256	.00096	284.98	284.98	-.0432	284.71
18773.825	.00168	284.98	285.26	-.0432	284.71
18774.393	.00096	284.71	285.26	-.0432	284.71
18774.961	.00168	284.98	285.26	-.0432	284.71
18775.529	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18719.856	.00120	284.98	285.26	-.0432	284.71
18720.424	.00168	284.98	285.26	-.0432	284.71
18720.992	.00168	284.71	284.98	-.0432	284.71
18721.560	.00144	284.98	284.98	-.0432	284.71
18722.128	.00096	284.98	285.26	-.0432	284.98
18722.696	.00096	284.71	284.98	-.0432	284.71
18723.264	.00120	284.98	285.26	-.0432	284.71
18723.264	.00120	284.98	285.26	-.0432	284.71
18723.832	.00120	284.98	284.98	-.0432	284.71
18724.400	.00168	284.98	285.26	-.0432	284.71
18724.968	.00168	284.98	285.26	-.0432	284.98
18725.537	.00168	284.98	284.98	-.0432	284.98
18726.105	.00144	284.71	285.26	-.0432	284.71
18726.673	.00120	284.98	285.26	-.0432	284.71
18727.241	.00096	284.98	285.26	-.0432	284.71
18727.809	.00096	284.71	284.98	-.0432	284.71
18728.377	.00120	284.71	284.98	-.0432	284.98
18728.377	.00120	284.71	284.98	-.0432	284.98
18728.945	.00120	284.71	285.26	-.0432	284.71
18729.513	.00144	284.98	285.26	-.0432	284.71
18730.081	.00168	284.98	284.98	-.0432	284.71
18730.649	.00168	284.98	284.98	-.0432	284.71
18731.217	.00144	284.98	284.98	-.0432	284.98
18731.786	.00144	284.98	285.26	-.0432	284.71
18732.354	.00120	284.98	284.98	-.0432	284.71
18732.922	.00096	284.98	284.98	-.0432	284.71
18733.490	.00096	284.71	285.26	-.0432	284.71
18733.490	.00096	284.71	285.26	-.0432	284.71
18734.058	.00096	284.98	284.98	-.0432	284.71
18734.626	.00120	284.71	284.98	-.0432	284.71
18735.194	.00120	284.98	284.98	-.0432	284.71
18735.762	.00120	284.98	284.98	-.0432	284.71
18736.330	.00120	284.98	284.98	-.0432	284.71
18736.898	.00120	284.98	284.98	-.0432	284.71
18737.467	.00120	284.71	285.26	-.0432	284.71
18738.035	.00120	284.71	285.26	-.0432	284.71
18738.603	.00120	284.71	284.98	-.0432	284.71
18738.603	.00120	284.71	284.98	-.0432	284.71
18739.171	.00096	284.71	284.98	-.0432	284.71
18739.739	.00096	284.98	284.98	-.0432	284.71
18740.307	.00096	284.98	285.26	-.0432	284.71
18740.875	.00096	284.98	285.26	-.0432	284.71
18741.443	.00096	284.98	284.98	-.0432	284.71
18742.011	.00120	284.98	285.26	-.0432	284.98
18742.579	.00096	284.71	284.98	-.0432	284.71
18743.147	.00120	284.98	285.26	-.0432	284.98
18743.716	.00120	284.71	285.26	-.0432	284.98
18743.716	.00120	284.71	285.26	-.0432	284.98
18744.284	.00144	284.98	284.98	-.0432	284.98
18744.852	.00144	284.71	284.98	-.0432	284.71
18745.420	.00168	284.71	285.26	-.0432	284.98
18745.988	.00168	284.98	284.98	-.0432	284.71
18746.556	.00144	284.98	285.26	-.0432	284.98
18747.124	.00120	284.98	284.98	-.0432	284.71
18747.692	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18692.019	.00096	284.98	284.98	-.0432	284.71
18692.587	.00120	284.98	285.26	-.0432	284.71
18693.155	.00168	284.98	285.26	-.0432	284.98
18693.723	.00168	284.98	284.98	-.0432	284.98
18693.723	.00168	284.98	284.98	-.0432	284.98
18694.291	.00120	284.98	284.98	-.0432	284.71
18694.859	.00096	284.71	284.98	-.0432	284.71
18695.428	.00120	284.98	284.98	-.0432	284.71
18695.996	.00168	284.98	285.26	-.0432	284.71
18696.564	.00168	284.98	284.98	-.0432	284.71
18697.132	.00144	284.98	284.98	-.0432	284.71
18697.700	.00096	284.98	285.26	-.0432	284.71
18698.268	.00120	284.98	284.98	-.0432	284.71
18698.268	.00120	284.98	284.98	-.0432	284.71
18698.836	.00168	284.71	285.26	-.0432	284.71
18699.404	.00168	284.71	285.26	-.0432	284.98
18699.972	.00144	284.98	284.98	-.0432	284.71
18700.540	.00096	284.98	285.26	-.0432	284.71
18701.109	.00096	284.98	284.98	-.0432	284.71
18701.677	.00096	284.98	285.26	-.0432	284.98
18702.245	.00120	284.98	284.98	-.0432	284.71
18702.813	.00144	284.98	284.98	-.0432	284.71
18703.381	.00168	284.98	285.26	-.0432	284.71
18703.381	.00168	284.98	285.26	-.0432	284.71
18703.949	.00168	284.98	285.26	-.0432	284.71
18704.517	.00144	284.98	284.98	-.0432	284.71
18705.085	.00096	284.71	285.26	-.0432	284.71
18705.653	.00096	284.98	284.98	-.0432	284.71
18706.221	.00120	284.98	284.98	-.0432	284.71
18706.789	.00168	284.98	284.98	-.0432	284.71
18707.358	.00144	284.98	285.26	-.0432	284.71
18707.926	.00144	284.98	284.98	-.0432	284.71
18708.494	.00096	284.98	285.26	-.0432	284.71
18708.494	.00096	284.98	285.26	-.0432	284.71
18709.062	.00120	284.98	285.26	-.0432	284.71
18709.630	.00168	284.98	285.26	-.0432	284.71
18710.198	.00168	284.98	285.26	-.0432	284.98
18710.766	.00144	284.98	285.26	-.0432	284.98
18711.334	.00120	284.98	285.26	-.0432	284.98
18711.902	.00096	284.98	285.26	-.0432	284.98
18712.470	.00120	284.98	285.26	-.0432	284.71
18713.038	.00144	284.98	285.26	-.0432	284.71
18713.607	.00168	284.71	284.98	-.0432	284.71
18713.607	.00168	284.71	284.98	-.0432	284.71
18714.175	.00168	284.98	285.26	-.0432	284.71
18714.743	.00144	284.98	285.26	-.0432	284.71
18715.311	.00120	284.98	285.26	-.0432	284.98
18715.879	.00096	284.98	285.26	-.0432	284.71
18716.447	.00120	284.71	284.98	-.0432	284.71
18717.015	.00168	284.98	284.98	-.0432	284.71
18717.583	.00168	284.98	284.98	-.0432	284.71
18718.151	.00144	284.98	285.26	-.0432	284.98
18718.719	.00096	284.98	285.26	-.0432	284.98
18718.719	.00096	284.98	285.26	-.0432	284.98
18719.288	.00096	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18663.614	.00120	284.71	285.26	-.0432	284.71
18664.182	.00168	284.98	285.26	-.0432	284.71
18664.751	.00096	284.98	284.98	-.0432	284.71
18665.319	.00168	284.98	285.26	-.0432	284.98
18665.887	.00120	284.71	284.98	-.0432	284.71
18666.455	.00168	284.98	285.26	-.0432	284.71
18667.023	.00096	284.98	285.26	-.0432	284.71
18667.591	.00168	284.71	285.26	-.0432	284.71
18668.159	.00096	284.98	285.26	-.0432	284.71
18668.727	.00168	284.98	284.98	-.0432	284.71
18668.727	.00168	284.98	284.98	-.0432	284.71
18669.295	.00096	284.71	284.98	-.0432	284.71
18669.863	.00168	284.98	284.98	-.0432	284.71
18670.431	.00120	284.98	285.26	-.0432	284.71
18671.000	.00144	284.98	284.98	-.0432	284.71
18671.568	.00144	284.71	284.98	-.0432	284.98
18672.136	.00120	284.71	285.26	-.0432	284.98
18672.704	.00168	284.98	284.98	-.0432	284.71
18673.272	.00096	284.98	284.98	-.0432	284.71
18673.272	.00096	284.98	284.98	-.0432	284.71
18673.840	.00168	284.98	284.98	-.0432	284.71
18674.408	.00096	284.98	284.98	-.0432	284.71
18674.976	.00168	284.98	284.98	-.0432	284.71
18675.544	.00120	284.98	284.98	-.0432	284.71
18676.112	.00120	284.98	284.98	-.0432	284.71
18676.680	.00144	284.71	284.98	-.0432	284.71
18677.249	.00120	284.98	284.98	-.0432	284.71
18677.817	.00168	284.71	285.26	-.0432	284.71
18678.385	.00096	284.98	284.98	-.0432	284.71
18678.385	.00096	284.98	284.98	-.0432	284.71
18678.953	.00144	284.98	284.98	-.0432	284.71
18679.521	.00144	284.98	284.98	-.0432	284.71
18680.089	.00096	284.98	285.26	-.0432	284.98
18680.657	.00144	284.71	285.26	-.0432	284.98
18681.225	.00168	284.98	285.26	-.0432	284.98
18681.793	.00144	284.98	284.98	-.0432	284.71
18682.361	.00096	284.98	284.98	-.0432	284.71
18682.930	.00120	284.98	284.98	-.0432	284.71
18683.498	.00144	284.71	285.26	-.0432	284.71
18683.498	.00144	284.71	285.26	-.0432	284.71
18684.066	.00168	284.98	285.26	-.0432	284.98
18684.634	.00144	284.98	284.98	-.0432	284.71
18685.202	.00096	284.98	285.26	-.0432	284.71
18685.770	.00096	284.98	284.98	-.0432	284.71
18686.338	.00120	284.98	285.26	-.0432	284.71
18686.906	.00168	284.98	284.98	-.0432	284.71
18687.474	.00144	284.98	284.98	-.0432	284.71
18688.042	.00096	284.98	285.26	-.0432	284.71
18688.610	.00120	284.98	284.98	-.0432	284.71
18688.610	.00120	284.98	284.98	-.0432	284.71
18689.179	.00144	284.98	285.26	-.0432	284.71
18689.747	.00168	284.71	285.26	-.0432	284.71
18690.315	.00144	284.98	284.98	-.0432	284.71
18690.883	.00120	284.98	285.26	-.0432	284.98
18691.451	.00096	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18635.778	.00144	284.71	285.26	-.0432	284.71
18636.346	.00120	284.98	285.26	-.0432	284.98
18636.914	.00120	284.98	285.26	-.0432	284.71
18637.482	.00096	284.98	284.98	-.0432	284.71
18638.050	.00096	284.98	284.98	-.0432	284.71
18638.618	.00120	284.98	284.98	-.0432	284.71
18638.618	.00120	284.98	284.98	-.0432	284.71
18639.186	.00144	284.98	284.98	-.0432	284.71
18639.754	.00168	284.71	285.26	-.0432	284.71
18640.322	.00168	284.98	284.98	-.0432	284.98
18640.891	.00120	284.71	284.98	-.0432	284.71
18641.459	.00120	284.71	285.26	-.0432	284.98
18642.027	.00096	284.98	284.98	-.0432	284.71
18642.595	.00144	284.98	284.98	-.0432	284.71
18643.163	.00168	284.98	284.98	-.0432	284.71
18643.731	.00120	284.98	285.26	-.0432	284.98
18643.731	.00120	284.98	285.26	-.0432	284.98
18644.299	.00096	284.71	284.98	-.0432	284.71
18644.867	.00144	284.98	284.98	-.0432	284.71
18645.435	.00168	284.98	285.26	-.0432	284.98
18646.003	.00144	284.98	285.26	-.0432	284.98
18646.572	.00096	284.71	285.26	-.0432	284.71
18647.140	.00120	284.98	284.98	-.0432	284.71
18647.708	.00168	284.98	284.98	-.0432	284.71
18648.276	.00120	284.71	284.98	-.0432	284.98
18648.276	.00120	284.71	284.98	-.0432	284.98
18648.844	.00120	284.71	284.98	-.0432	284.71
18649.412	.00168	284.98	285.26	-.0432	284.71
18649.980	.00096	284.98	285.26	-.0432	284.71
18650.548	.00144	284.98	284.98	-.0432	284.71
18651.116	.00144	284.71	285.26	-.0432	284.71
18651.684	.00096	284.98	284.98	-.0432	284.71
18652.252	.00144	284.98	284.98	-.0432	284.71
18652.821	.00144	284.98	285.26	-.0432	284.71
18653.389	.00120	284.98	284.98	-.0432	284.71
18653.389	.00120	284.98	284.98	-.0432	284.71
18653.957	.00144	284.71	284.98	-.0432	284.71
18654.525	.00096	284.71	285.26	-.0432	284.98
18655.093	.00168	284.98	285.26	-.0432	284.71
18655.661	.00120	284.98	284.98	-.0432	284.71
18656.229	.00144	284.98	284.98	-.0432	284.71
18656.797	.00144	284.98	284.98	-.0432	284.98
18657.365	.00096	284.98	284.98	-.0432	284.71
18657.933	.00168	284.98	284.98	-.0432	284.71
18658.501	.00120	284.98	284.98	-.0432	284.71
18658.501	.00120	284.98	284.98	-.0432	284.71
18659.070	.00144	284.98	284.98	-.0432	284.71
18659.638	.00144	284.71	284.98	-.0432	284.71
18660.206	.00096	284.98	284.98	-.0432	284.98
18660.774	.00168	284.71	284.98	-.0432	284.98
18661.342	.00144	284.98	285.26	-.0432	284.98
18661.910	.00096	284.98	284.98	-.0432	284.71
18662.478	.00144	284.71	285.26	-.0432	284.98
18663.046	.00144	284.71	284.98	-.0432	284.71
18663.614	.00120	284.71	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18607.941	.00120	284.98	284.98	-.0432	284.71
18608.509	.00144	284.71	285.26	-.0432	284.98
18608.509	.00144	284.71	285.26	-.0432	284.98
18609.077	.00144	284.98	284.98	-.0432	284.71
18609.645	.00168	284.71	285.26	-.0432	284.71
18610.214	.00144	284.98	285.26	-.0432	284.98
18610.782	.00120	284.98	284.98	-.0432	284.71
18611.350	.00120	284.98	284.98	-.0432	284.71
18611.918	.00120	284.98	284.98	-.0432	284.71
18612.486	.00096	284.98	284.98	-.0432	284.71
18613.054	.00096	284.98	284.98	-.0432	284.71
18613.622	.00120	284.98	284.98	-.0432	284.71
18613.622	.00120	284.98	284.98	-.0432	284.71
18614.190	.00120	284.98	285.26	-.0432	284.98
18614.758	.00096	284.98	284.98	-.0432	284.71
18615.326	.00096	284.71	285.26	-.0432	284.71
18615.894	.00096	284.98	285.26	-.0432	284.71
18616.463	.00096	284.98	285.26	-.0432	284.71
18617.031	.00096	284.98	285.26	-.0432	284.98
18617.599	.00096	284.71	284.98	-.0432	284.71
18618.167	.00096	284.98	285.26	-.0432	284.71
18618.735	.00096	284.98	285.26	-.0432	284.98
18618.735	.00096	284.98	285.26	-.0432	284.98
18619.303	.00096	284.98	285.26	-.0432	284.71
18619.871	.00096	284.71	284.98	-.0432	284.71
18620.439	.00096	284.98	285.26	-.0432	284.98
18621.007	.00096	284.71	284.98	-.0432	284.71
18621.575	.00120	284.71	284.98	-.0432	284.98
18622.144	.00096	284.98	284.98	-.0432	284.71
18622.712	.00120	284.71	285.26	-.0432	284.71
18623.280	.00120	284.98	284.98	-.0432	284.98
18623.280	.00120	284.98	284.98	-.0432	284.98
18623.848	.00120	284.71	285.26	-.0432	284.71
18624.416	.00120	284.98	285.26	-.0432	284.71
18624.984	.00120	284.71	285.26	-.0432	284.71
18625.552	.00096	284.71	284.98	-.0432	284.71
18626.120	.00120	284.71	285.26	-.0432	284.71
18626.688	.00096	284.98	284.98	-.0432	284.71
18627.256	.00096	284.98	284.98	-.0432	284.71
18627.824	.00120	284.98	285.26	-.0432	284.71
18628.393	.00120	284.71	285.26	-.0432	284.71
18628.393	.00120	284.71	285.26	-.0432	284.71
18628.961	.00120	284.98	284.98	-.0432	284.71
18629.529	.00120	284.98	284.98	-.0432	284.71
18630.097	.00144	284.98	284.98	-.0432	284.71
18630.665	.00144	284.98	284.98	-.0432	284.71
18631.233	.00144	284.98	285.26	-.0432	284.98
18631.801	.00144	284.98	284.98	-.0432	284.98
18632.369	.00144	284.71	285.26	-.0432	284.71
18632.937	.00168	284.71	285.26	-.0432	284.71
18633.505	.00168	284.98	284.98	-.0432	284.71
18633.505	.00168	284.98	284.98	-.0432	284.71
18634.073	.00168	284.98	285.26	-.0432	284.71
18634.642	.00168	284.98	284.98	-.0432	284.71
18635.210	.00168	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18579.536	.00168	284.98	284.98	-.0432	284.71
18580.105	.00144	284.71	284.98	-.0432	284.71
18580.673	.00096	284.98	284.98	-.0432	284.71
18581.241	.00120	284.98	284.98	-.0432	284.71
18581.809	.00168	284.98	285.26	-.0432	284.71
18582.377	.00144	284.98	284.98	-.0432	284.71
18582.945	.00120	284.98	285.26	-.0432	284.71
18583.513	.00096	284.71	284.98	-.0432	284.98
18583.513	.00096	284.71	284.98	-.0432	284.98
18584.081	.00144	284.98	284.98	-.0432	284.71
18584.649	.00168	284.71	285.26	-.0432	284.71
18585.217	.00120	284.98	284.98	-.0432	284.71
18585.786	.00120	284.98	285.26	-.0432	284.71
18586.354	.00168	284.98	285.26	-.0432	284.98
18586.922	.00120	284.98	285.26	-.0432	284.98
18587.490	.00096	284.98	284.98	-.0432	284.71
18588.058	.00168	284.98	284.98	-.0432	284.71
18588.626	.00144	284.71	284.98	-.0432	284.71
18588.626	.00144	284.71	284.98	-.0432	284.71
18589.194	.00096	284.71	284.98	-.0432	284.71
18589.762	.00144	284.98	285.26	-.0432	284.98
18590.330	.00144	284.98	285.26	-.0432	284.71
18590.898	.00120	284.98	285.26	-.0432	284.71
18591.466	.00096	284.71	284.98	-.0432	284.71
18592.035	.00144	284.71	285.26	-.0432	284.71
18592.603	.00144	284.98	284.98	-.0432	284.71
18593.171	.00120	284.98	284.98	-.0432	284.98
18593.739	.00096	284.98	284.98	-.0432	284.71
18593.739	.00096	284.98	284.98	-.0432	284.71
18594.307	.00120	284.98	285.26	-.0432	284.98
18594.875	.00144	284.98	284.98	-.0432	284.71
18595.443	.00168	284.71	285.26	-.0432	284.71
18596.011	.00144	284.98	285.26	-.0432	284.71
18596.579	.00144	284.98	284.98	-.0432	284.71
18597.147	.00096	284.71	284.98	-.0432	284.71
18597.715	.00096	284.71	284.98	-.0432	284.71
18598.284	.00120	284.98	285.26	-.0432	284.71
18598.284	.00120	284.98	285.26	-.0432	284.71
18598.852	.00120	284.98	284.98	-.0432	284.71
18599.420	.00144	284.98	285.26	-.0432	284.98
18599.988	.00168	284.98	285.26	-.0432	284.71
18600.556	.00144	284.98	284.98	-.0432	284.98
18601.124	.00144	284.98	284.98	-.0432	284.71
18601.692	.00120	284.71	285.26	-.0432	284.71
18602.260	.00096	284.98	285.26	-.0432	284.71
18602.828	.00096	284.71	284.98	-.0432	284.71
18603.396	.00096	284.98	284.98	-.0432	284.71
18603.396	.00096	284.98	284.98	-.0432	284.71
18603.965	.00096	284.98	284.98	-.0432	284.71
18604.533	.00096	284.71	285.26	-.0432	284.71
18605.101	.00096	284.98	284.98	-.0432	284.98
18605.669	.00096	284.98	284.98	-.0432	284.71
18606.237	.00096	284.98	285.26	-.0432	284.98
18606.805	.00096	284.71	285.26	-.0432	284.71
18607.373	.00096	284.98	285.26	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18551.700	.00168	284.71	285.26	-.0432	284.71
18552.268	.00096	284.71	284.98	-.0432	284.71
18552.836	.00168	284.98	284.98	-.0432	284.71
18553.404	.00120	284.71	285.26	-.0432	284.71
18553.404	.00120	284.71	285.26	-.0432	284.71
18553.972	.00144	284.71	284.98	-.0432	284.71
18554.540	.00144	284.71	284.98	-.0432	284.71
18555.108	.00120	284.98	285.26	-.0432	284.98
18555.677	.00168	284.98	285.26	-.0432	284.98
18556.245	.00096	284.71	285.26	-.0432	284.71
18556.813	.00144	284.98	284.98	-.0432	284.71
18557.381	.00120	284.71	284.98	-.0432	284.71
18557.949	.00120	284.98	284.98	-.0432	284.71
18558.517	.00168	284.98	285.26	-.0432	284.71
18558.517	.00168	284.98	285.26	-.0432	284.71
18559.085	.00096	284.98	285.26	-.0432	284.71
18559.653	.00168	284.98	285.26	-.0432	284.71
18560.221	.00096	284.98	285.26	-.0432	284.71
18560.789	.00144	284.71	284.98	-.0432	284.71
18561.357	.00120	284.71	284.98	-.0432	284.71
18561.926	.00144	284.98	284.98	-.0432	284.71
18562.494	.00120	284.98	285.26	-.0432	284.98
18563.062	.00120	284.98	284.98	-.0432	284.71
18563.630	.00144	284.98	284.98	-.0432	284.71
18563.630	.00144	284.98	284.98	-.0432	284.71
18564.198	.00096	284.71	285.26	-.0432	284.71
18564.766	.00168	284.98	284.98	-.0432	284.71
18565.334	.00096	284.98	284.98	-.0432	284.71
18565.902	.00168	284.98	284.98	-.0432	284.71
18566.470	.00096	284.98	285.26	-.0432	284.98
18567.038	.00144	284.98	285.26	-.0432	284.71
18567.607	.00120	284.98	284.98	-.0432	284.71
18568.175	.00120	284.98	285.26	-.0432	284.71
18568.743	.00144	284.71	284.98	-.0432	284.98
18568.743	.00144	284.71	284.98	-.0432	284.98
18569.311	.00096	284.71	284.98	-.0432	284.71
18569.879	.00168	284.71	284.98	-.0432	284.71
18570.447	.00096	284.71	284.98	-.0432	284.71
18571.015	.00168	284.98	284.98	-.0432	284.71
18571.583	.00120	284.98	285.26	-.0432	284.71
18572.151	.00144	284.98	284.98	-.0432	284.71
18572.719	.00120	284.98	284.98	-.0432	284.71
18573.287	.00168	284.98	285.26	-.0432	284.71
18573.287	.00168	284.98	285.26	-.0432	284.71
18573.856	.00096	284.98	284.98	-.0432	284.71
18574.424	.00168	284.98	285.26	-.0432	284.71
18574.992	.00096	284.98	284.98	-.0432	284.98
18575.560	.00168	284.98	285.26	-.0432	284.98
18576.128	.00096	284.98	284.98	-.0432	284.71
18576.696	.00168	284.98	284.98	-.0432	284.71
18577.264	.00096	284.98	284.98	-.0432	284.71
18577.832	.00144	284.98	284.98	-.0432	284.71
18578.400	.00144	284.98	285.26	-.0432	284.71
18578.400	.00144	284.98	285.26	-.0432	284.71
18578.968	.00096	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18523.295	.00168	284.98	284.98	-.0432	284.71
18523.295	.00168	284.98	284.98	-.0432	284.71
18523.863	.00120	284.71	284.98	-.0432	284.71
18524.431	.00096	284.98	284.98	-.0432	284.98
18525.000	.00144	284.71	285.26	-.0432	284.71
18525.568	.00168	284.98	284.98	-.0432	284.71
18526.136	.00120	284.98	285.26	-.0432	284.71
18526.704	.00120	284.98	284.98	-.0432	284.71
18527.272	.00168	284.71	284.98	-.0432	284.71
18527.840	.00120	284.98	285.26	-.0432	284.71
18528.408	.00120	284.98	284.98	-.0432	284.71
18528.408	.00120	284.98	284.98	-.0432	284.71
18528.976	.00144	284.98	284.98	-.0432	284.71
18529.544	.00144	284.98	284.98	-.0432	284.71
18530.112	.00096	284.98	284.98	-.0432	284.71
18530.680	.00168	284.71	284.98	-.0432	284.71
18531.249	.00120	284.98	285.26	-.0432	284.71
18531.817	.00144	284.98	284.98	-.0432	284.71
18532.385	.00120	284.98	285.26	-.0432	284.98
18532.953	.00120	284.98	284.98	-.0432	284.71
18533.521	.00168	284.98	284.98	-.0432	284.71
18533.521	.00168	284.98	284.98	-.0432	284.71
18534.089	.00096	284.98	285.26	-.0432	284.98
18534.657	.00144	284.71	284.98	-.0432	284.71
18535.225	.00144	284.98	285.26	-.0432	284.71
18535.793	.00096	284.98	284.98	-.0432	284.71
18536.361	.00144	284.98	284.98	-.0432	284.71
18536.929	.00144	284.98	284.98	-.0432	284.71
18537.498	.00096	284.71	285.26	-.0432	284.98
18538.066	.00168	284.98	284.98	-.0432	284.98
18538.634	.00096	284.71	285.26	-.0432	284.98
18538.634	.00096	284.71	285.26	-.0432	284.98
18539.202	.00144	284.98	284.98	-.0432	284.98
18539.770	.00120	284.98	284.98	-.0432	284.71
18540.338	.00144	284.98	284.98	-.0432	284.98
18540.906	.00120	284.98	284.98	-.0432	284.98
18541.474	.00120	284.98	285.26	-.0432	284.98
18542.042	.00144	284.71	284.98	-.0432	284.71
18542.610	.00096	284.98	284.98	-.0432	284.71
18543.179	.00168	284.98	284.98	-.0432	284.71
18543.747	.00096	284.98	284.98	-.0432	284.71
18544.315	.00168	284.98	285.26	-.0432	284.71
18544.883	.00096	284.98	284.98	-.0432	284.71
18545.451	.00144	284.98	285.26	-.0432	284.98
18546.019	.00120	284.71	284.98	-.0432	284.71
18546.587	.00120	284.98	284.98	-.0432	284.71
18547.155	.00144	284.71	284.98	-.0432	284.71
18547.723	.00096	284.71	285.26	-.0432	284.71
18548.291	.00168	284.98	285.26	-.0432	284.71
18548.291	.00168	284.98	285.26	-.0432	284.71
18548.859	.00096	284.71	284.98	-.0432	284.71
18549.428	.00168	284.98	284.98	-.0432	284.71
18549.996	.00096	284.98	285.26	-.0432	284.71
18550.564	.00168	284.71	285.26	-.0432	284.71
18551.132	.00096	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18494.891	.00120	284.71	284.98	-.0432	284.71
18495.459	.00120	284.98	284.98	-.0432	284.98
18496.027	.00120	284.98	285.26	-.0432	284.71
18496.595	.00144	284.98	285.26	-.0432	284.98
18497.163	.00168	284.98	285.26	-.0432	284.71
18497.731	.00168	284.71	285.26	-.0432	284.71
18498.299	.00120	284.98	285.26	-.0432	284.98
18498.299	.00120	284.98	285.26	-.0432	284.98
18498.867	.00120	284.71	284.98	-.0432	284.71
18499.435	.00096	284.71	285.26	-.0432	284.71
18500.003	.00096	284.98	284.98	-.0432	284.71
18500.571	.00120	284.98	284.98	-.0432	284.71
18501.140	.00144	284.98	284.98	-.0432	284.71
18501.708	.00168	284.98	284.98	-.0432	284.98
18502.276	.00168	284.71	284.98	-.0432	284.98
18502.844	.00144	284.98	284.98	-.0432	284.71
18503.412	.00120	284.98	285.26	-.0432	284.71
18503.412	.00120	284.98	285.26	-.0432	284.71
18503.980	.00096	284.98	284.98	-.0432	284.71
18504.548	.00120	284.71	285.26	-.0432	284.71
18505.116	.00168	284.98	285.26	-.0432	284.71
18505.684	.00168	284.98	284.98	-.0432	284.98
18506.252	.00144	284.71	285.26	-.0432	284.71
18506.821	.00120	284.98	284.98	-.0432	284.98
18507.389	.00096	284.98	285.26	-.0432	284.98
18507.957	.00096	284.98	284.98	-.0432	284.71
18508.525	.00120	284.98	284.98	-.0432	284.71
18508.525	.00120	284.98	284.98	-.0432	284.71
18509.093	.00144	284.98	284.98	-.0432	284.71
18509.661	.00168	284.98	284.98	-.0432	284.71
18510.229	.00120	284.98	284.98	-.0432	284.71
18510.797	.00096	284.71	284.98	-.0432	284.71
18511.365	.00144	284.98	284.98	-.0432	284.71
18511.933	.00144	284.98	285.26	-.0432	284.71
18512.501	.00096	284.71	284.98	-.0432	284.71
18513.070	.00120	284.71	285.26	-.0432	284.71
18513.638	.00168	284.98	284.98	-.0432	284.98
18513.638	.00168	284.98	284.98	-.0432	284.98
18514.206	.00120	284.98	284.98	-.0432	284.71
18514.774	.00096	284.71	284.98	-.0432	284.71
18515.342	.00144	284.71	284.98	-.0432	284.71
18515.910	.00168	284.71	284.98	-.0432	284.71
18516.478	.00144	284.98	285.26	-.0432	284.71
18517.046	.00120	284.98	284.98	-.0432	284.71
18517.614	.00096	284.98	284.98	-.0432	284.71
18518.182	.00144	284.98	284.98	-.0432	284.71
18518.182	.00144	284.98	284.98	-.0432	284.71
18518.750	.00168	284.98	285.26	-.0432	284.71
18519.319	.00120	284.98	284.98	-.0432	284.71
18519.887	.00096	284.98	284.98	-.0432	284.98
18520.455	.00120	284.98	284.98	-.0432	284.71
18521.023	.00168	284.98	284.98	-.0432	284.71
18521.591	.00144	284.71	284.98	-.0432	284.71
18522.159	.00096	284.71	285.26	-.0432	284.71
18522.727	.00144	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18467.054	.00168	284.71	285.26	-.0432	284.71
18467.622	.00096	284.71	284.98	-.0432	284.71
18468.190	.00120	284.98	285.26	-.0432	284.71
18468.190	.00120	284.98	285.26	-.0432	284.71
18468.758	.00168	284.98	284.98	-.0432	284.71
18469.326	.00144	284.71	285.26	-.0432	284.71
18469.894	.00096	284.71	285.26	-.0432	284.71
18470.463	.00120	284.98	285.26	-.0432	284.71
18471.031	.00168	284.71	284.98	-.0432	284.71
18471.599	.00144	284.98	284.98	-.0432	284.98
18472.167	.00096	284.98	284.98	-.0432	284.71
18472.735	.00120	284.71	284.98	-.0432	284.71
18473.303	.00168	284.71	284.98	-.0432	284.71
18473.303	.00168	284.71	284.98	-.0432	284.71
18473.871	.00144	284.71	285.26	-.0432	284.71
18474.439	.00096	284.98	284.98	-.0432	284.71
18475.007	.00120	284.71	285.26	-.0432	284.71
18475.575	.00144	284.71	284.98	-.0432	284.71
18476.143	.00168	284.71	284.98	-.0432	284.71
18476.712	.00144	284.98	285.26	-.0432	284.71
18477.280	.00096	284.98	284.98	-.0432	284.71
18477.848	.00096	284.71	284.98	-.0432	284.71
18478.416	.00120	284.71	284.98	-.0432	284.71
18478.416	.00120	284.71	284.98	-.0432	284.71
18478.984	.00144	284.71	285.26	-.0432	284.71
18479.552	.00168	284.71	285.26	-.0432	284.71
18480.120	.00168	284.98	284.98	-.0432	284.71
18480.688	.00168	284.98	285.26	-.0432	284.71
18481.256	.00168	284.98	284.98	-.0432	284.71
18481.824	.00144	284.98	284.98	-.0432	284.71
18482.393	.00144	284.98	285.26	-.0432	284.71
18482.961	.00144	284.98	284.98	-.0432	284.71
18483.529	.00096	284.98	284.98	-.0432	284.71
18483.529	.00096	284.98	284.98	-.0432	284.71
18484.097	.00096	284.71	285.26	-.0432	284.71
18484.665	.00096	284.71	284.98	-.0432	284.71
18485.233	.00096	284.98	285.26	-.0432	284.71
18485.801	.00120	284.98	285.26	-.0432	284.71
18486.369	.00120	284.98	284.98	-.0432	284.71
18486.937	.00120	284.71	284.98	-.0432	284.71
18487.505	.00144	284.98	284.98	-.0432	284.98
18488.073	.00144	284.71	285.26	-.0432	284.71
18488.642	.00144	284.71	284.98	-.0432	284.71
18488.642	.00144	284.71	284.98	-.0432	284.71
18489.210	.00120	284.98	284.98	-.0432	284.71
18489.778	.00120	284.98	284.98	-.0432	284.98
18490.346	.00120	284.98	285.26	-.0432	284.71
18490.914	.00096	284.71	284.98	-.0432	284.71
18491.482	.00096	284.98	284.98	-.0432	284.71
18492.050	.00096	284.98	284.98	-.0432	284.71
18492.618	.00096	284.71	285.26	-.0432	284.71
18493.186	.00144	284.98	284.98	-.0432	284.71
18493.186	.00144	284.98	284.98	-.0432	284.71
18493.754	.00168	284.98	285.26	-.0432	284.71
18494.322	.00168	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18438.649	.00120	284.98	285.26	-.0432	284.71
18439.217	.00168	284.71	285.26	-.0432	284.71
18439.785	.00144	284.71	284.98	-.0432	284.71
18440.354	.00120	284.98	284.98	-.0432	284.71
18440.922	.00168	284.98	284.98	-.0432	284.98
18441.490	.00120	284.98	284.98	-.0432	284.71
18442.058	.00168	284.71	284.98	-.0432	284.71
18442.626	.00120	284.71	285.26	-.0432	284.71
18443.194	.00168	284.98	284.98	-.0432	284.71
18443.194	.00168	284.98	284.98	-.0432	284.71
18443.762	.00120	284.71	284.98	-.0432	284.98
18444.330	.00168	284.71	284.98	-.0432	284.98
18444.898	.00096	284.98	284.98	-.0432	284.71
18445.466	.00168	284.71	285.26	-.0432	284.71
18446.035	.00120	284.98	284.98	-.0432	284.98
18446.603	.00144	284.98	284.98	-.0432	284.71
18447.171	.00168	284.71	284.98	-.0432	284.71
18447.739	.00120	284.71	284.98	-.0432	284.71
18448.307	.00168	284.71	285.26	-.0432	284.71
18448.307	.00168	284.71	285.26	-.0432	284.71
18448.875	.00120	284.98	284.98	-.0432	284.71
18449.443	.00144	284.98	284.98	-.0432	284.71
18450.011	.00168	284.71	284.98	-.0432	284.98
18450.579	.00096	284.71	285.26	-.0432	284.71
18451.147	.00168	284.98	284.98	-.0432	284.71
18451.715	.00120	284.71	285.26	-.0432	284.71
18452.284	.00144	284.98	284.98	-.0432	284.98
18452.852	.00144	284.98	284.98	-.0432	284.71
18453.420	.00120	284.71	285.26	-.0432	284.71
18453.420	.00120	284.71	285.26	-.0432	284.71
18453.988	.00168	284.98	285.26	-.0432	284.71
18454.556	.00096	284.98	284.98	-.0432	284.98
18455.124	.00168	284.71	285.26	-.0432	284.71
18455.692	.00144	284.71	284.98	-.0432	284.71
18456.260	.00120	284.98	285.26	-.0432	284.71
18456.828	.00168	284.98	284.98	-.0432	284.71
18457.396	.00096	284.71	284.98	-.0432	284.71
18457.964	.00168	284.98	285.26	-.0432	284.71
18458.533	.00144	284.98	284.98	-.0432	284.98
18458.533	.00144	284.98	284.98	-.0432	284.98
18459.101	.00120	284.71	285.26	-.0432	284.71
18459.669	.00168	284.98	285.26	-.0432	284.71
18460.237	.00096	284.98	284.98	-.0432	284.71
18460.805	.00144	284.98	284.98	-.0432	284.71
18461.373	.00144	284.71	285.26	-.0432	284.98
18461.941	.00120	284.71	285.26	-.0432	284.71
18462.509	.00168	284.98	284.98	-.0432	284.71
18463.077	.00096	284.71	285.26	-.0432	284.71
18463.645	.00168	284.71	284.98	-.0432	284.71
18463.645	.00168	284.71	284.98	-.0432	284.71
18464.214	.00144	284.98	284.98	-.0432	284.98
18464.782	.00120	284.98	284.98	-.0432	284.71
18465.350	.00168	284.71	285.26	-.0432	284.71
18465.918	.00096	284.98	284.98	-.0432	284.71
18466.486	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18410.813	.00120	284.71	284.98	-.0432	284.71
18411.381	.00168	284.71	285.26	-.0432	284.71
18411.949	.00192	284.98	284.98	-.0432	284.98
18412.517	.00144	284.98	285.26	-.0432	284.71
18413.085	.00120	284.98	285.26	-.0432	284.71
18413.653	.00168	284.98	284.98	-.0432	284.98
18413.653	.00168	284.98	284.98	-.0432	284.98
18414.221	.00144	284.71	284.98	-.0432	284.71
18414.789	.00120	284.98	284.98	-.0432	284.71
18415.357	.00168	284.71	284.98	-.0432	284.71
18415.926	.00144	284.71	285.26	-.0432	284.71
18416.494	.00120	284.71	284.98	-.0432	284.71
18417.062	.00168	284.71	284.98	-.0432	284.71
18417.630	.00144	284.98	284.98	-.0432	284.98
18418.198	.00120	284.98	285.26	-.0432	284.71
18418.198	.00120	284.98	285.26	-.0432	284.71
18418.766	.00168	284.71	284.98	-.0432	284.71
18419.334	.00120	284.71	284.98	-.0432	284.71
18419.902	.00144	284.98	285.26	-.0432	284.98
18420.470	.00192	284.98	285.26	-.0432	284.71
18421.038	.00144	284.98	284.98	-.0432	284.71
18421.607	.00120	284.71	285.26	-.0432	284.71
18422.175	.00168	284.71	284.98	-.0432	284.71
18422.743	.00144	284.98	284.98	-.0432	284.71
18423.311	.00144	284.71	285.26	-.0432	284.71
18423.311	.00144	284.71	285.26	-.0432	284.71
18423.879	.00192	284.98	284.98	-.0432	284.71
18424.447	.00120	284.71	284.98	-.0432	284.71
18425.015	.00144	284.71	284.98	-.0432	284.71
18425.583	.00192	284.71	285.26	-.0432	284.71
18426.151	.00120	284.98	284.98	-.0432	284.98
18426.719	.00144	284.71	284.98	-.0432	284.71
18427.287	.00168	284.71	285.26	-.0432	284.71
18427.856	.00120	284.98	284.98	-.0432	284.71
18428.424	.00120	284.71	285.26	-.0432	284.71
18428.424	.00120	284.71	285.26	-.0432	284.71
18428.992	.00168	284.71	285.26	-.0432	284.71
18429.560	.00120	284.71	284.98	-.0432	284.71
18430.128	.00144	284.98	284.98	-.0432	284.98
18430.696	.00168	284.98	284.98	-.0432	284.98
18431.264	.00120	284.98	284.98	-.0432	284.71
18431.832	.00168	284.98	284.98	-.0432	284.71
18432.400	.00120	284.98	284.98	-.0432	284.98
18432.968	.00144	284.71	285.26	-.0432	284.71
18433.536	.00168	284.98	285.26	-.0432	284.71
18433.536	.00168	284.98	285.26	-.0432	284.71
18434.105	.00120	284.98	285.26	-.0432	284.71
18434.673	.00168	284.98	285.26	-.0432	284.71
18435.241	.00120	284.98	285.26	-.0432	284.71
18435.809	.00144	284.98	285.26	-.0432	284.71
18436.377	.00168	284.98	285.26	-.0432	284.71
18436.945	.00096	284.71	284.98	-.0432	284.98
18437.513	.00168	284.98	284.98	-.0432	284.71
18438.081	.00120	284.71	285.26	-.0432	284.71
18438.649	.00120	284.98	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18382.976	.00144	284.71	284.98	-.0432	284.71
18383.544	.00192	284.98	285.26	-.0432	284.71
18383.544	.00192	284.98	285.26	-.0432	284.71
18384.112	.00144	284.71	284.98	-.0432	284.71
18384.680	.00192	284.98	284.98	-.0432	284.98
18385.249	.00168	284.71	284.98	-.0432	284.71
18385.817	.00144	284.71	285.26	-.0432	284.71
18386.385	.00192	284.98	284.98	-.0432	284.71
18386.953	.00144	284.98	284.98	-.0432	284.71
18387.521	.00168	284.71	284.98	-.0432	284.71
18388.089	.00192	284.98	285.26	-.0432	284.71
18388.657	.00144	284.71	285.26	-.0432	284.71
18388.657	.00144	284.71	285.26	-.0432	284.71
18389.225	.00168	284.98	285.26	-.0432	284.71
18389.793	.00192	284.98	284.98	-.0432	284.71
18390.361	.00120	284.98	285.26	-.0432	284.71
18390.929	.00144	284.98	285.26	-.0432	284.71
18391.498	.00192	284.98	285.26	-.0432	284.71
18392.066	.00192	284.98	284.98	-.0432	284.71
18392.634	.00192	284.98	284.98	-.0432	284.71
18393.202	.00144	284.71	284.98	-.0432	284.71
18393.202	.00144	284.71	284.98	-.0432	284.71
18393.770	.00144	284.98	284.98	-.0432	284.71
18394.338	.00144	284.98	284.98	-.0432	284.71
18394.906	.00120	284.98	284.98	-.0432	284.71
18395.474	.00120	284.98	284.98	-.0432	284.98
18396.042	.00120	284.71	284.98	-.0432	284.71
18396.610	.00120	284.98	285.26	-.0432	284.71
18397.178	.00120	284.98	285.26	-.0432	284.71
18397.747	.00120	284.98	285.26	-.0432	284.71
18398.315	.00120	284.71	285.26	-.0432	284.71
18398.315	.00120	284.71	285.26	-.0432	284.71
18398.883	.00120	284.98	285.26	-.0432	284.71
18399.451	.00144	284.71	284.98	-.0432	284.71
18400.019	.00144	284.98	285.26	-.0432	284.71
18400.587	.00144	284.98	284.98	-.0432	284.71
18401.155	.00144	284.71	285.26	-.0432	284.71
18401.723	.00120	284.71	284.98	-.0432	284.71
18402.291	.00120	284.98	285.26	-.0432	284.71
18402.859	.00144	284.98	285.26	-.0432	284.71
18403.428	.00144	284.98	284.98	-.0432	284.71
18403.428	.00144	284.98	284.98	-.0432	284.71
18403.996	.00168	284.71	284.98	-.0432	284.98
18404.564	.00168	284.98	284.98	-.0432	284.98
18405.132	.00192	284.98	284.98	-.0432	284.71
18405.700	.00192	284.71	284.98	-.0432	284.71
18406.268	.00168	284.98	285.26	-.0432	284.71
18406.836	.00144	284.71	285.26	-.0432	284.71
18407.404	.00120	284.98	284.98	-.0432	284.98
18407.972	.00120	284.71	284.98	-.0432	284.71
18408.540	.00144	284.71	284.98	-.0432	284.71
18408.540	.00144	284.71	284.98	-.0432	284.71
18409.108	.00192	284.98	285.26	-.0432	284.98
18409.677	.00168	284.98	284.98	-.0432	284.71
18410.245	.00120	284.71	284.98	-.0432	284.98

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18354.571	.00192	284.98	285.26	-.0432	284.71
18355.140	.00144	284.98	284.98	-.0432	284.71
18355.708	.00168	284.98	284.98	-.0432	284.98
18356.276	.00192	284.98	284.98	-.0432	284.98
18356.844	.00144	284.98	285.26	-.0432	284.71
18357.412	.00192	284.98	285.26	-.0432	284.71
18357.980	.00168	284.71	285.26	-.0432	284.71
18358.548	.00168	284.98	284.98	-.0432	284.71
18358.548	.00168	284.98	284.98	-.0432	284.71
18359.116	.00192	284.98	285.26	-.0432	284.98
18359.684	.00144	284.71	284.98	-.0432	284.71
18360.252	.00192	284.98	285.26	-.0432	284.71
18360.821	.00144	284.98	284.98	-.0432	284.71
18361.389	.00192	284.98	284.98	-.0432	284.71
18361.957	.00144	284.71	284.98	-.0432	284.71
18362.525	.00216	284.98	285.26	-.0432	284.71
18363.093	.00144	284.98	285.26	-.0432	284.71
18363.661	.00216	284.98	284.98	-.0432	284.71
18363.661	.00216	284.98	284.98	-.0432	284.71
18364.229	.00168	284.98	285.26	-.0432	284.71
18364.797	.00168	284.71	284.98	-.0432	284.71
18365.365	.00192	284.98	285.26	-.0432	284.71
18365.933	.00168	284.98	285.26	-.0432	284.71
18366.501	.00192	284.98	285.26	-.0432	284.71
18367.070	.00192	284.98	285.26	-.0432	284.71
18367.638	.00144	284.98	285.26	-.0432	284.71
18368.206	.00216	284.98	284.98	-.0432	284.98
18368.206	.00216	284.98	284.98	-.0432	284.98
18368.774	.00144	284.98	284.98	-.0432	284.71
18369.342	.00192	284.98	285.26	-.0432	284.98
18369.910	.00168	284.98	284.98	-.0432	284.71
18370.478	.00144	284.71	285.26	-.0432	284.71
18371.046	.00216	284.71	284.98	-.0432	284.71
18371.614	.00144	284.98	285.26	-.0432	284.71
18372.182	.00192	284.98	285.26	-.0432	284.71
18372.750	.00192	284.71	284.98	-.0432	284.71
18373.319	.00144	284.71	285.26	-.0432	284.71
18373.319	.00144	284.71	285.26	-.0432	284.71
18373.887	.00192	284.98	284.98	-.0432	284.71
18374.455	.00168	284.98	285.26	-.0432	284.98
18375.023	.00168	284.98	284.98	-.0432	284.71
18375.591	.00216	284.71	284.98	-.0432	284.71
18376.159	.00144	284.98	284.98	-.0432	284.71
18376.727	.00192	284.98	284.98	-.0432	284.71
18377.295	.00168	284.98	285.26	-.0432	284.71
18377.863	.00168	284.98	284.98	-.0432	284.98
18378.431	.00192	284.71	284.98	-.0432	284.71
18378.431	.00192	284.71	284.98	-.0432	284.71
18379.000	.00144	284.71	284.98	-.0432	284.71
18379.568	.00192	284.98	284.98	-.0432	284.71
18380.136	.00168	284.98	284.98	-.0432	284.71
18380.704	.00168	284.98	284.98	-.0432	284.71
18381.272	.00192	284.98	284.98	-.0432	284.71
18381.840	.00168	284.98	284.98	-.0432	284.71
18382.408	.00192	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18326.735	.00144	284.98	285.26	-.0432	284.98
18327.303	.00144	284.98	284.98	-.0432	284.71
18327.871	.00168	284.71	284.98	-.0432	284.71
18328.439	.00120	284.71	284.98	-.0432	284.71
18328.439	.00120	284.71	284.98	-.0432	284.71
18329.007	.00144	284.98	285.26	-.0432	284.71
18329.575	.00168	284.71	284.98	-.0432	284.71
18330.143	.00120	284.71	284.98	-.0432	284.71
18330.712	.00120	284.98	284.98	-.0432	284.98
18331.280	.00168	284.98	284.98	-.0432	284.71
18331.848	.00168	284.98	284.98	-.0432	284.71
18332.416	.00120	284.98	284.98	-.0432	284.71
18332.984	.00144	284.71	284.98	-.0432	284.71
18333.552	.00192	284.98	284.98	-.0432	284.98
18333.552	.00192	284.98	284.98	-.0432	284.98
18334.120	.00168	284.71	285.26	-.0432	284.71
18334.688	.00120	284.98	285.26	-.0432	284.71
18335.256	.00144	284.98	284.98	-.0432	284.71
18335.824	.00192	284.71	284.98	-.0432	284.71
18336.393	.00168	284.71	285.26	-.0432	284.71
18336.961	.00120	284.71	284.98	-.0432	284.71
18337.529	.00144	284.98	284.98	-.0432	284.98
18338.097	.00192	284.98	285.26	-.0432	284.71
18338.665	.00120	284.98	284.98	-.0432	284.71
18338.665	.00120	284.98	284.98	-.0432	284.71
18339.233	.00144	284.71	284.98	-.0432	284.71
18339.801	.00192	284.71	285.26	-.0432	284.71
18340.369	.00144	284.98	285.26	-.0432	284.71
18340.937	.00144	284.98	284.98	-.0432	284.71
18341.505	.00192	284.98	284.98	-.0432	284.71
18342.073	.00144	284.71	284.98	-.0432	284.71
18342.642	.00144	284.98	284.98	-.0432	284.71
18343.210	.00192	284.98	284.98	-.0432	284.98
18343.210	.00192	284.98	284.98	-.0432	284.98
18343.778	.00120	284.98	285.26	-.0432	284.71
18344.346	.00168	284.98	284.98	-.0432	284.98
18344.914	.00168	284.71	285.26	-.0432	284.71
18345.482	.00144	284.71	285.26	-.0432	284.71
18346.050	.00168	284.71	285.26	-.0432	284.71
18346.618	.00144	284.98	284.98	-.0432	284.71
18347.186	.00192	284.98	284.98	-.0432	284.71
18347.754	.00144	284.98	284.98	-.0432	284.98
18348.322	.00192	284.98	284.98	-.0432	284.71
18348.322	.00192	284.98	284.98	-.0432	284.71
18348.891	.00120	284.71	285.26	-.0432	284.71
18349.459	.00192	284.71	284.98	-.0432	284.71
18350.027	.00144	284.98	284.98	-.0432	284.71
18350.595	.00192	284.71	284.98	-.0432	284.71
18351.163	.00144	284.98	284.98	-.0432	284.98
18351.731	.00192	284.98	285.26	-.0432	284.71
18352.299	.00144	284.98	285.26	-.0432	284.71
18352.867	.00216	284.98	284.98	-.0432	284.71
18353.435	.00144	284.98	285.26	-.0432	284.71
18353.435	.00144	284.98	285.26	-.0432	284.71
18354.003	.00144	284.71	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18298.330	.00120	284.71	284.98	-.0432	284.71
18298.898	.00168	284.71	284.98	-.0432	284.71
18299.466	.00120	284.98	284.98	-.0432	284.71
18300.035	.00144	284.71	284.98	-.0432	284.71
18300.603	.00144	284.98	285.26	-.0432	284.71
18301.171	.00096	284.98	284.98	-.0432	284.71
18301.739	.00144	284.98	285.26	-.0432	284.98
18302.307	.00144	284.71	284.98	-.0432	284.98
18302.875	.00096	284.71	285.26	-.0432	284.71
18303.443	.00168	284.71	284.98	-.0432	284.71
18303.443	.00168	284.71	284.98	-.0432	284.71
18304.011	.00144	284.71	284.98	-.0432	284.71
18304.579	.00096	284.98	285.26	-.0432	284.98
18305.147	.00168	284.98	284.98	-.0432	284.98
18305.715	.00120	284.98	284.98	-.0432	284.71
18306.284	.00120	284.71	284.98	-.0432	284.71
18306.852	.00168	284.98	285.26	-.0432	284.71
18307.420	.00120	284.98	284.98	-.0432	284.71
18307.988	.00144	284.71	284.98	-.0432	284.71
18308.556	.00120	284.98	284.98	-.0432	284.71
18308.556	.00120	284.98	284.98	-.0432	284.71
18309.124	.00144	284.98	285.26	-.0432	284.98
18309.692	.00120	284.98	284.98	-.0432	284.71
18310.260	.00144	284.98	284.98	-.0432	284.71
18310.828	.00120	284.98	284.98	-.0432	284.98
18311.396	.00144	284.71	284.98	-.0432	284.71
18311.965	.00144	284.71	284.98	-.0432	284.71
18312.533	.00144	284.98	284.98	-.0432	284.71
18313.101	.00144	284.98	284.98	-.0432	284.71
18313.669	.00144	284.71	285.26	-.0432	284.71
18313.669	.00144	284.71	285.26	-.0432	284.71
18314.237	.00144	284.71	284.98	-.0432	284.71
18314.805	.00144	284.71	284.98	-.0432	284.71
18315.373	.00120	284.98	285.26	-.0432	284.71
18315.941	.00144	284.98	284.98	-.0432	284.71
18316.509	.00120	284.98	285.26	-.0432	284.71
18317.077	.00168	284.98	284.98	-.0432	284.71
18317.645	.00096	284.98	284.98	-.0432	284.71
18318.214	.00144	284.71	284.98	-.0432	284.71
18318.214	.00144	284.71	284.98	-.0432	284.71
18318.782	.00168	284.71	285.26	-.0432	284.71
18319.350	.00096	284.71	284.98	-.0432	284.98
18319.918	.00144	284.98	284.98	-.0432	284.98
18320.486	.00168	284.98	284.98	-.0432	284.98
18321.054	.00120	284.98	285.26	-.0432	284.71
18321.622	.00168	284.98	285.26	-.0432	284.71
18322.190	.00120	284.71	284.98	-.0432	284.71
18322.758	.00120	284.71	285.26	-.0432	284.71
18323.326	.00168	284.71	284.98	-.0432	284.71
18323.326	.00168	284.71	284.98	-.0432	284.71
18323.894	.00120	284.98	284.98	-.0432	284.71
18324.463	.00168	284.71	284.98	-.0432	284.98
18325.031	.00168	284.98	284.98	-.0432	284.71
18325.599	.00120	284.71	284.98	-.0432	284.98
18326.167	.00168	284.71	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18270.494	.00168	284.98	284.98	-.0432	284.71
18271.062	.00168	284.98	285.26	-.0432	284.71
18271.630	.00168	284.98	284.98	-.0432	284.71
18272.198	.00144	284.98	284.98	-.0432	284.71
18272.766	.00120	284.98	284.98	-.0432	284.71
18273.334	.00096	284.71	284.98	-.0432	284.71
18273.334	.00096	284.71	284.98	-.0432	284.71
18273.902	.00120	284.98	284.98	-.0432	284.71
18274.470	.00144	284.71	284.98	-.0432	284.71
18275.038	.00168	284.71	285.26	-.0432	284.71
18275.607	.00168	284.98	284.98	-.0432	284.71
18276.175	.00120	284.71	284.98	-.0432	284.71
18276.743	.00120	284.98	284.98	-.0432	284.98
18277.311	.00096	284.71	285.26	-.0432	284.71
18277.879	.00120	284.98	285.26	-.0432	284.71
18278.447	.00144	284.98	284.98	-.0432	284.71
18278.447	.00144	284.98	284.98	-.0432	284.71
18279.015	.00168	284.98	284.98	-.0432	284.71
18279.583	.00144	284.71	285.26	-.0432	284.71
18280.151	.00120	284.98	284.98	-.0432	284.71
18280.719	.00120	284.98	285.26	-.0432	284.71
18281.287	.00144	284.98	284.98	-.0432	284.71
18281.856	.00168	284.98	284.98	-.0432	284.98
18282.424	.00144	284.98	284.98	-.0432	284.71
18282.992	.00096	284.98	285.26	-.0432	284.71
18283.560	.00120	284.98	284.98	-.0432	284.71
18283.560	.00120	284.98	284.98	-.0432	284.71
18284.128	.00168	284.98	285.26	-.0432	284.71
18284.696	.00168	284.71	284.98	-.0432	284.71
18285.264	.00120	284.71	285.26	-.0432	284.98
18285.832	.00120	284.98	284.98	-.0432	284.71
18286.400	.00144	284.98	284.98	-.0432	284.71
18286.968	.00168	284.71	285.26	-.0432	284.71
18287.536	.00120	284.98	284.98	-.0432	284.71
18288.105	.00096	284.71	284.98	-.0432	284.71
18288.673	.00168	284.71	284.98	-.0432	284.71
18288.673	.00168	284.71	284.98	-.0432	284.71
18289.241	.00144	284.98	284.98	-.0432	284.71
18289.809	.00096	284.71	284.98	-.0432	284.71
18290.377	.00168	284.71	284.98	-.0432	284.71
18290.945	.00168	284.98	285.26	-.0432	284.71
18291.513	.00120	284.71	284.98	-.0432	284.71
18292.081	.00096	284.71	285.26	-.0432	284.71
18292.649	.00144	284.98	284.98	-.0432	284.71
18293.217	.00168	284.98	284.98	-.0432	284.98
18293.217	.00168	284.98	284.98	-.0432	284.98
18293.786	.00144	284.71	284.98	-.0432	284.98
18294.354	.00096	284.98	284.98	-.0432	284.71
18294.922	.00168	284.71	284.98	-.0432	284.71
18295.490	.00120	284.71	284.98	-.0432	284.71
18296.058	.00120	284.98	284.98	-.0432	284.71
18296.626	.00168	284.71	284.98	-.0432	284.71
18297.194	.00096	284.71	284.98	-.0432	284.71
18297.762	.00168	284.98	284.98	-.0432	284.71
18298.330	.00120	284.71	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18242.657	.00168	284.71	284.98	-.0432	284.71
18243.225	.00168	284.98	284.98	-.0432	284.71
18243.225	.00168	284.98	284.98	-.0432	284.71
18243.793	.00144	284.98	285.26	-.0432	284.71
18244.361	.00120	284.98	284.98	-.0432	284.71
18244.930	.00096	284.98	284.98	-.0432	284.71
18245.498	.00096	284.71	284.98	-.0432	284.71
18246.066	.00120	284.98	285.26	-.0432	284.71
18246.634	.00144	284.98	285.26	-.0432	284.71
18247.202	.00168	284.98	284.98	-.0432	284.71
18247.770	.00144	284.98	284.98	-.0432	284.71
18248.338	.00144	284.71	284.98	-.0432	284.98
18248.338	.00144	284.71	284.98	-.0432	284.98
18248.906	.00096	284.71	284.98	-.0432	284.71
18249.474	.00096	284.98	285.26	-.0432	284.71
18250.042	.00120	284.71	285.26	-.0432	284.71
18250.610	.00120	284.71	284.98	-.0432	284.71
18251.179	.00144	284.98	284.98	-.0432	284.98
18251.747	.00168	284.71	285.26	-.0432	284.71
18252.315	.00168	284.98	285.26	-.0432	284.71
18252.883	.00144	284.98	285.26	-.0432	284.71
18253.451	.00096	284.98	284.98	-.0432	284.71
18253.451	.00096	284.98	284.98	-.0432	284.71
18254.019	.00096	284.71	284.98	-.0432	284.71
18254.587	.00120	284.71	284.98	-.0432	284.71
18255.155	.00144	284.98	285.26	-.0432	284.71
18255.723	.00168	284.71	285.26	-.0432	284.71
18256.291	.00168	284.98	284.98	-.0432	284.71
18256.859	.00168	284.98	285.26	-.0432	284.71
18257.428	.00144	284.98	284.98	-.0432	284.71
18257.996	.00120	284.71	284.98	-.0432	284.71
18258.564	.00096	284.98	284.98	-.0432	284.71
18258.564	.00096	284.98	284.98	-.0432	284.71
18259.132	.00120	284.71	284.98	-.0432	284.71
18259.700	.00120	284.98	284.98	-.0432	284.71
18260.268	.00120	284.98	285.26	-.0432	284.71
18260.836	.00144	284.98	284.98	-.0432	284.71
18261.404	.00168	284.98	284.98	-.0432	284.71
18261.972	.00168	284.71	284.98	-.0432	284.98
18262.540	.00168	284.98	284.98	-.0432	284.71
18263.108	.00144	284.71	284.98	-.0432	284.71
18263.677	.00120	284.71	285.26	-.0432	284.98
18263.677	.00120	284.71	285.26	-.0432	284.98
18264.245	.00096	284.71	285.26	-.0432	284.71
18264.813	.00120	284.98	284.98	-.0432	284.71
18265.381	.00120	284.71	284.98	-.0432	284.71
18265.949	.00120	284.71	284.98	-.0432	284.71
18266.517	.00120	284.98	284.98	-.0432	284.71
18267.085	.00120	284.71	284.98	-.0432	284.71
18267.653	.00120	284.98	284.98	-.0432	284.71
18268.221	.00120	284.71	284.98	-.0432	284.71
18268.221	.00120	284.71	284.98	-.0432	284.71
18268.789	.00144	284.98	284.98	-.0432	284.71
18269.358	.00144	284.71	285.26	-.0432	284.71
18269.926	.00168	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18214.252	.00120	284.98	284.98	-.0432	284.98
18214.821	.00168	284.71	284.98	-.0432	284.71
18215.389	.00144	284.98	284.98	-.0432	284.71
18215.957	.00120	284.98	284.98	-.0432	284.71
18216.525	.00168	284.98	284.98	-.0432	284.71
18217.093	.00144	284.98	284.98	-.0432	284.71
18217.661	.00120	284.98	284.98	-.0432	284.71
18218.229	.00168	284.98	285.26	-.0432	284.71
18218.229	.00168	284.98	285.26	-.0432	284.71
18218.797	.00144	284.98	285.26	-.0432	284.71
18219.365	.00120	284.71	284.98	-.0432	284.98
18219.933	.00168	284.98	284.98	-.0432	284.71
18220.501	.00144	284.71	284.98	-.0432	284.71
18221.070	.00096	284.98	284.98	-.0432	284.71
18221.638	.00168	284.98	284.98	-.0432	284.71
18222.206	.00144	284.71	284.98	-.0432	284.71
18222.774	.00096	284.71	284.98	-.0432	284.71
18223.342	.00144	284.71	285.26	-.0432	284.71
18223.342	.00144	284.71	285.26	-.0432	284.71
18223.910	.00168	284.71	285.26	-.0432	284.71
18224.478	.00120	284.98	284.98	-.0432	284.71
18225.046	.00120	284.98	284.98	-.0432	284.71
18225.614	.00168	284.71	285.26	-.0432	284.71
18226.182	.00168	284.71	284.98	-.0432	284.71
18226.751	.00120	284.98	284.98	-.0432	284.71
18227.319	.00120	284.71	284.98	-.0432	284.71
18227.887	.00120	284.71	284.98	-.0432	284.71
18228.455	.00168	284.98	284.98	-.0432	284.71
18228.455	.00168	284.98	284.98	-.0432	284.71
18229.023	.00168	284.71	284.98	-.0432	284.71
18229.591	.00144	284.98	285.26	-.0432	284.71
18230.159	.00120	284.98	285.26	-.0432	284.98
18230.727	.00096	284.98	285.26	-.0432	284.71
18231.295	.00120	284.98	284.98	-.0432	284.98
18231.863	.00120	284.98	285.26	-.0432	284.71
18232.431	.00120	284.98	284.98	-.0432	284.71
18233.000	.00120	284.98	284.98	-.0432	284.71
18233.568	.00144	284.98	284.98	-.0432	284.98
18233.568	.00144	284.98	284.98	-.0432	284.98
18234.136	.00168	284.98	285.26	-.0432	284.71
18234.704	.00168	284.71	284.98	-.0432	284.71
18235.272	.00144	284.98	285.26	-.0432	284.71
18235.840	.00144	284.98	285.26	-.0432	284.71
18236.408	.00096	284.98	284.98	-.0432	284.71
18236.976	.00096	284.71	284.98	-.0432	284.98
18237.544	.00144	284.71	285.26	-.0432	284.71
18238.112	.00168	284.98	284.98	-.0432	284.71
18238.680	.00144	284.98	285.26	-.0432	284.71
18238.680	.00144	284.98	285.26	-.0432	284.71
18239.249	.00168	284.98	284.98	-.0432	284.71
18239.817	.00144	284.71	285.26	-.0432	284.98
18240.385	.00120	284.71	284.98	-.0432	284.71
18240.953	.00096	284.71	285.26	-.0432	284.71
18241.521	.00120	284.98	285.26	-.0432	284.71
18242.089	.00144	284.98	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18185.848	.00120	284.98	284.98	-.0432	284.71
18186.416	.00168	284.71	285.26	-.0432	284.71
18186.984	.00120	284.98	285.26	-.0432	284.71
18187.552	.00168	284.98	284.98	-.0432	284.71
18188.120	.00120	284.98	285.26	-.0432	284.71
18188.688	.00168	284.71	284.98	-.0432	284.71
18189.256	.00120	284.71	285.26	-.0432	284.71
18189.824	.00168	284.98	285.26	-.0432	284.71
18190.393	.00120	284.98	285.26	-.0432	284.71
18190.961	.00144	284.71	284.98	-.0432	284.71
18191.529	.00120	284.98	284.98	-.0432	284.71
18192.097	.00144	284.71	285.26	-.0432	284.71
18192.665	.00120	284.98	285.26	-.0432	284.71
18193.233	.00168	284.98	284.98	-.0432	284.71
18193.233	.00168	284.98	284.98	-.0432	284.71
18193.801	.00120	284.71	284.98	-.0432	284.71
18194.369	.00168	284.71	284.98	-.0432	284.71
18194.937	.00120	284.71	284.98	-.0432	284.98
18195.505	.00120	284.71	285.26	-.0432	284.71
18196.073	.00168	284.71	284.98	-.0432	284.71
18196.642	.00120	284.98	284.98	-.0432	284.71
18197.210	.00168	284.71	284.98	-.0432	284.71
18197.778	.00120	284.71	284.98	-.0432	284.71
18198.346	.00120	284.98	285.26	-.0432	284.71
18198.346	.00120	284.98	285.26	-.0432	284.71
18198.914	.00144	284.98	285.26	-.0432	284.71
18199.482	.00120	284.98	284.98	-.0432	284.71
18200.050	.00168	284.71	285.26	-.0432	284.71
18200.618	.00120	284.98	285.26	-.0432	284.71
18201.186	.00144	284.98	284.98	-.0432	284.71
18201.754	.00144	284.98	285.26	-.0432	284.71
18202.323	.00120	284.71	284.98	-.0432	284.71
18202.891	.00144	284.98	284.98	-.0432	284.71
18203.459	.00168	284.71	285.26	-.0432	284.71
18203.459	.00168	284.71	285.26	-.0432	284.71
18204.027	.00096	284.98	285.26	-.0432	284.71
18204.595	.00144	284.71	284.98	-.0432	284.98
18205.163	.00144	284.98	285.26	-.0432	284.71
18205.731	.00096	284.98	284.98	-.0432	284.71
18206.299	.00168	284.71	284.98	-.0432	284.71
18206.867	.00120	284.98	284.98	-.0432	284.71
18207.435	.00120	284.98	285.26	-.0432	284.71
18208.003	.00168	284.71	284.98	-.0432	284.71
18208.572	.00096	284.71	285.26	-.0432	284.71
18208.572	.00096	284.71	285.26	-.0432	284.71
18209.140	.00144	284.71	284.98	-.0432	284.98
18209.708	.00144	284.98	284.98	-.0432	284.71
18210.276	.00096	284.98	285.26	-.0432	284.71
18210.844	.00120	284.71	284.98	-.0432	284.71
18211.412	.00168	284.71	284.98	-.0432	284.98
18211.980	.00096	284.71	284.98	-.0432	284.71
18212.548	.00120	284.98	285.26	-.0432	284.71
18213.116	.00168	284.98	284.98	-.0432	284.71
18213.684	.00096	284.71	285.26	-.0432	284.71
18213.684	.00096	284.71	285.26	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18158.011	.00096	284.71	285.26	-.0432	284.71
18158.579	.00144	284.71	284.98	-.0432	284.71
18158.579	.00144	284.71	284.98	-.0432	284.71
18159.147	.00168	284.98	284.98	-.0432	284.71
18159.716	.00096	284.71	284.98	-.0432	284.71
18160.284	.00144	284.98	285.26	-.0432	284.98
18160.852	.00144	284.98	284.98	-.0432	284.71
18161.420	.00096	284.98	285.26	-.0432	284.71
18161.988	.00168	284.71	284.98	-.0432	284.71
18162.556	.00144	284.98	284.98	-.0432	284.71
18163.124	.00096	284.71	285.26	-.0432	284.98
18163.124	.00096	284.71	285.26	-.0432	284.98
18163.692	.00144	284.71	284.98	-.0432	284.71
18164.260	.00120	284.71	285.26	-.0432	284.98
18164.828	.00120	284.98	284.98	-.0432	284.71
18165.396	.00168	284.98	284.98	-.0432	284.71
18165.965	.00120	284.98	284.98	-.0432	284.71
18166.533	.00120	284.71	285.26	-.0432	284.71
18167.101	.00168	284.98	285.26	-.0432	284.71
18167.669	.00120	284.98	284.98	-.0432	284.71
18168.237	.00144	284.71	284.98	-.0432	284.71
18168.237	.00144	284.71	284.98	-.0432	284.71
18168.805	.00168	284.98	284.98	-.0432	284.71
18169.373	.00096	284.71	285.26	-.0432	284.71
18169.941	.00168	284.98	284.98	-.0432	284.71
18170.509	.00120	284.98	284.98	-.0432	284.71
18171.077	.00144	284.98	284.98	-.0432	284.71
18171.645	.00120	284.71	285.26	-.0432	284.71
18172.214	.00144	284.98	284.98	-.0432	284.71
18172.782	.00144	284.71	284.98	-.0432	284.71
18173.350	.00144	284.98	284.98	-.0432	284.71
18173.350	.00144	284.98	284.98	-.0432	284.71
18173.918	.00144	284.98	285.26	-.0432	284.71
18174.486	.00120	284.71	284.98	-.0432	284.98
18175.054	.00168	284.71	284.98	-.0432	284.71
18175.622	.00096	284.71	284.98	-.0432	284.71
18176.190	.00144	284.98	284.98	-.0432	284.71
18176.758	.00144	284.98	285.26	-.0432	284.71
18177.326	.00120	284.71	285.26	-.0432	284.71
18177.895	.00168	284.71	284.98	-.0432	284.71
18178.463	.00096	284.71	284.98	-.0432	284.71
18178.463	.00096	284.71	284.98	-.0432	284.71
18179.031	.00168	284.98	284.98	-.0432	284.71
18179.599	.00120	284.98	284.98	-.0432	284.98
18180.167	.00144	284.71	284.98	-.0432	284.71
18180.735	.00120	284.71	284.98	-.0432	284.71
18181.303	.00120	284.71	285.26	-.0432	284.71
18181.871	.00168	284.98	285.26	-.0432	284.71
18182.439	.00120	284.71	284.98	-.0432	284.71
18183.007	.00168	284.98	284.98	-.0432	284.98
18183.575	.00096	284.71	284.98	-.0432	284.71
18183.575	.00096	284.71	284.98	-.0432	284.71
18184.144	.00168	284.98	284.98	-.0432	284.71
18184.712	.00120	284.98	284.98	-.0432	284.71
18185.280	.00168	284.71	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG (K)	TEMP2 DEG (K)	PRESSURE (TORR)	TEMP3 DEG (K)
18129.607	.00168	284.71	284.98	-.0432	284.71
18130.175	.00168	284.71	284.98	-.0432	284.71
18130.743	.00168	284.98	284.98	-.0432	284.71
18131.311	.00168	284.98	285.26	-.0432	284.71
18131.879	.00144	284.71	284.98	-.0432	284.71
18132.447	.00144	284.71	285.26	-.0432	284.98
18133.015	.00120	284.98	284.98	-.0432	284.71
18133.583	.00120	284.71	284.98	-.0432	284.71
18133.583	.00120	284.71	284.98	-.0432	284.71
18134.151	.00120	284.98	284.98	-.0432	284.71
18134.719	.00120	284.71	284.98	-.0432	284.98
18135.288	.00120	284.98	284.98	-.0432	284.71
18135.856	.00096	284.71	285.26	-.0432	284.71
18136.424	.00120	284.98	284.98	-.0432	284.71
18136.992	.00144	284.71	284.98	-.0432	284.71
18137.560	.00168	284.98	284.98	-.0432	284.98
18138.128	.00168	284.98	284.98	-.0432	284.71
18138.128	.00168	284.98	284.98	-.0432	284.71
18138.696	.00144	284.98	285.26	-.0432	284.71
18139.264	.00120	284.98	284.98	-.0432	284.71
18139.832	.00096	284.98	285.26	-.0432	284.71
18140.400	.00120	284.98	284.98	-.0432	284.71
18140.968	.00144	284.71	284.98	-.0432	284.71
18141.537	.00168	284.71	284.98	-.0432	284.71
18142.105	.00168	284.98	284.98	-.0432	284.71
18142.673	.00120	284.98	285.26	-.0432	284.71
18143.241	.00096	284.71	284.98	-.0432	284.71
18143.241	.00096	284.71	284.98	-.0432	284.71
18143.809	.00096	284.98	284.98	-.0432	284.71
18144.377	.00144	284.98	284.98	-.0432	284.71
18144.945	.00168	284.98	285.26	-.0432	284.71
18145.513	.00144	284.71	284.98	-.0432	284.71
18146.081	.00120	284.71	284.98	-.0432	284.71
18146.649	.00120	284.71	284.98	-.0432	284.71
18147.217	.00168	284.71	284.98	-.0432	284.71
18147.786	.00144	284.98	284.98	-.0432	284.71
18148.354	.00120	284.98	284.98	-.0432	284.71
18148.354	.00120	284.98	284.98	-.0432	284.71
18148.922	.00120	284.98	284.98	-.0432	284.71
18149.490	.00168	284.98	284.98	-.0432	284.71
18150.058	.00120	284.98	285.26	-.0432	284.71
18150.626	.00096	284.98	284.98	-.0432	284.71
18151.194	.00144	284.71	285.26	-.0432	284.71
18151.762	.00144	284.98	285.26	-.0432	284.71
18152.330	.00096	284.98	284.98	-.0432	284.71
18152.898	.00120	284.98	284.98	-.0432	284.71
18153.467	.00168	284.98	284.98	-.0432	284.71
18153.467	.00168	284.98	284.98	-.0432	284.71
18154.035	.00120	284.98	284.98	-.0432	284.71
18154.603	.00096	284.98	284.98	-.0432	284.71
18155.171	.00144	284.98	284.98	-.0432	284.71
18155.739	.00168	284.71	284.98	-.0432	284.71
18156.307	.00120	284.71	284.98	-.0432	284.71
18156.875	.00144	284.71	284.98	-.0432	284.98
18157.443	.00168	284.71	284.98	-.0432	284.71

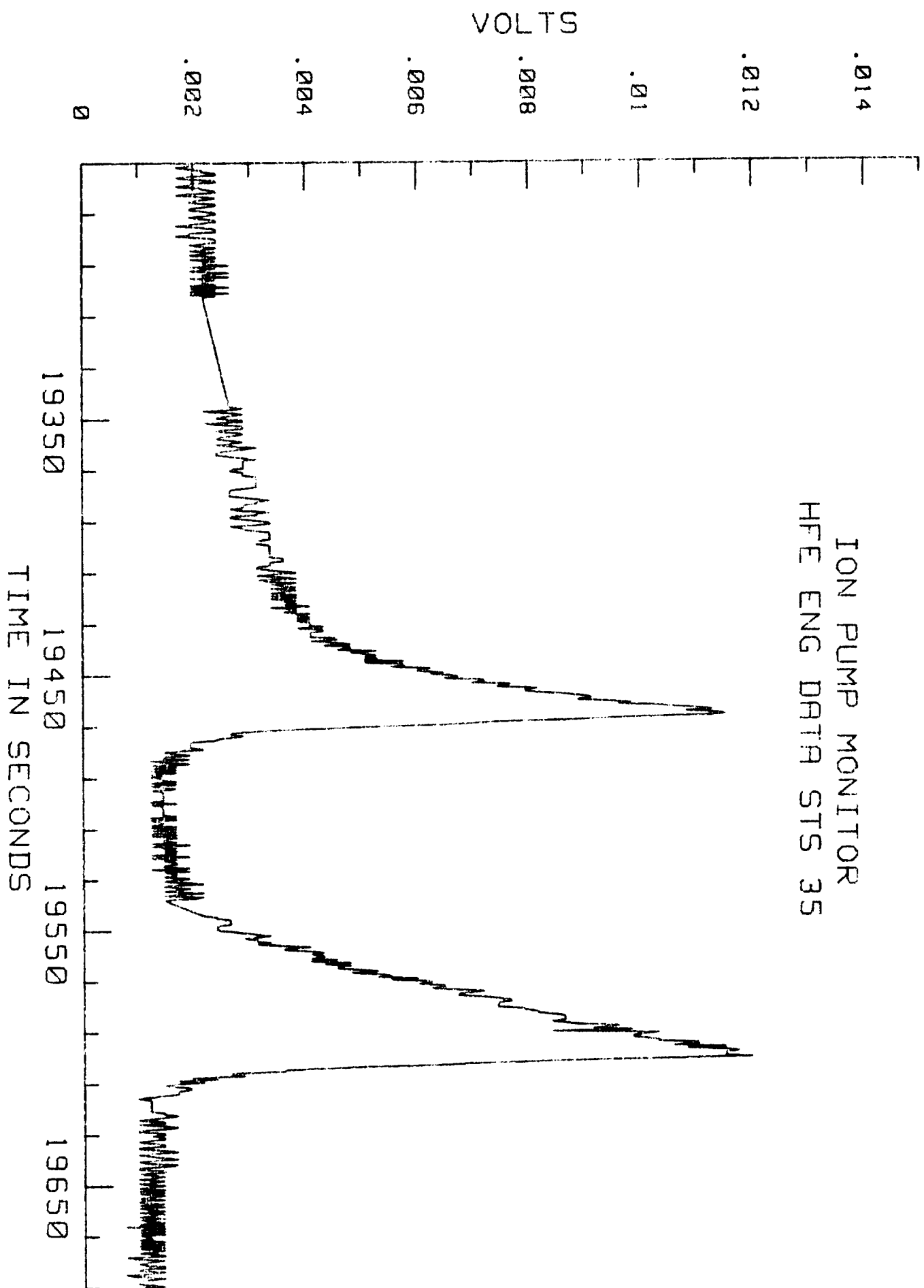
TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18101.770	.00120	284.98	284.98	-.0432	284.71
18102.338	.00120	284.98	284.98	-.0432	284.71
18102.906	.00120	284.98	284.98	-.0432	284.71
18103.474	.00120	284.98	284.98	-.0432	284.71
18103.474	.00120	284.98	284.98	-.0432	284.71
18104.042	.00120	284.71	284.98	-.0432	284.98
18104.611	.00120	284.98	284.98	-.0432	284.71
18105.179	.00120	284.98	284.98	-.0432	284.71
18105.747	.00120	284.71	284.98	-.0432	284.98
18106.315	.00120	284.71	284.98	-.0432	284.71
18106.883	.00120	284.71	284.98	-.0432	284.71
18107.451	.00120	284.71	284.98	-.0432	284.71
18108.019	.00096	284.98	284.98	-.0432	284.71
18108.587	.00120	284.71	285.26	-.0432	284.98
18108.587	.00120	284.71	285.26	-.0432	284.98
18109.155	.00096	284.98	284.98	-.0432	284.71
18109.723	.00096	284.71	285.26	-.0432	284.71
18110.291	.00096	284.98	284.98	-.0432	284.71
18110.860	.00096	284.98	284.98	-.0432	284.71
18111.428	.00120	284.71	285.26	-.0432	284.98
18111.996	.00120	284.71	284.98	-.0432	284.71
18112.564	.00144	284.98	284.98	-.0432	284.71
18113.132	.00144	284.71	285.26	-.0432	284.71
18113.132	.00144	284.71	285.26	-.0432	284.71
18113.700	.00144	284.98	284.98	-.0432	284.71
18114.268	.00144	284.98	284.98	-.0432	284.71
18114.836	.00168	284.71	284.98	-.0432	284.71
18115.404	.00144	284.71	284.98	-.0432	284.71
18115.972	.00168	284.71	284.98	-.0432	284.71
18116.540	.00144	284.98	284.98	-.0432	284.71
18117.109	.00168	284.71	284.98	-.0432	284.71
18117.677	.00168	284.98	284.98	-.0432	284.71
18118.245	.00168	284.71	284.98	-.0432	284.98
18118.245	.00168	284.71	284.98	-.0432	284.98
18118.813	.00168	284.98	284.98	-.0432	284.71
18119.381	.00168	284.71	284.98	-.0432	284.71
18119.949	.00168	284.98	284.98	-.0432	284.71
18120.517	.00168	284.71	285.26	-.0432	284.71
18121.085	.00168	284.71	284.98	-.0432	284.71
18121.653	.00144	284.98	284.98	-.0432	284.71
18122.221	.00144	284.98	284.98	-.0432	284.98
18122.789	.00144	284.98	285.26	-.0432	284.71
18123.358	.00144	284.71	284.98	-.0432	284.71
18123.358	.00144	284.71	284.98	-.0432	284.71
18123.926	.00144	284.71	284.98	-.0432	284.71
18124.494	.00144	284.71	285.26	-.0432	284.71
18125.062	.00144	284.71	284.98	-.0432	284.71
18125.630	.00144	284.98	284.98	-.0432	284.71
18126.198	.00144	284.98	284.98	-.0432	284.71
18126.766	.00168	284.71	284.98	-.0432	284.98
18127.334	.00168	284.98	284.98	-.0432	284.71
18127.902	.00168	284.71	284.98	-.0432	284.71
18128.470	.00168	284.71	284.98	-.0432	284.98
18128.470	.00168	284.71	284.98	-.0432	284.98
18129.039	.00168	284.71	284.98	-.0432	284.71

TIME SECONDS	ION PUMP VOLTS	TEMP1 DEG(K)	TEMP2 DEG(K)	PRESSURE (TORR)	TEMP3 DEG(K)
18073.365	.00144	284.98	285.26	-.0432	284.71
18073.933	.00120	284.98	284.98	-.0432	284.71
18074.502	.00096	284.71	284.98	-.0432	284.71
18075.070	.00096	284.98	284.98	-.0432	284.98
18075.638	.00120	284.71	284.98	-.0432	284.98
18076.206	.00144	284.71	284.98	-.0432	284.98
18076.774	.00168	284.98	284.98	-.0432	284.98
18077.342	.00168	284.71	284.98	-.0432	284.71
18077.910	.00144	284.71	284.98	-.0432	284.71
18078.478	.00120	284.98	284.98	-.0432	284.71
18078.478	.00120	284.98	284.98	-.0432	284.71
18079.046	.00096	284.98	285.26	-.0432	284.98
18079.614	.00096	284.71	284.98	-.0432	284.71
18080.183	.00120	284.71	284.98	-.0432	284.98
18080.751	.00120	284.98	284.98	-.0432	284.98
18081.319	.00120	284.71	284.98	-.0432	284.71
18081.887	.00144	284.98	284.98	-.0432	284.71
18082.455	.00144	284.71	284.98	-.0432	284.71
18083.023	.00144	284.71	284.98	-.0432	284.71
18083.591	.00144	284.71	284.98	-.0432	284.71
18083.591	.00144	284.71	284.98	-.0432	284.71
18084.159	.00168	284.71	284.98	-.0432	284.71
18084.727	.00168	284.71	285.26	-.0432	284.71
18085.295	.00168	284.98	285.26	-.0432	284.71
18085.863	.00168	284.98	285.26	-.0432	284.71
18086.432	.00168	284.98	284.98	-.0432	284.71
18087.000	.00168	284.71	284.98	-.0432	284.71
18087.568	.00168	284.71	285.26	-.0432	284.71
18088.136	.00144	284.98	284.98	-.0432	284.98
18088.136	.00144	284.98	284.98	-.0432	284.98
18088.704	.00144	284.71	284.98	-.0432	284.71
18089.272	.00144	284.98	284.98	-.0432	284.71
18089.840	.00144	284.98	284.98	-.0432	284.71
18090.408	.00144	284.98	284.98	-.0432	284.71
18090.976	.00120	284.98	284.98	-.0432	284.98
18091.544	.00120	284.71	284.98	-.0432	284.71
18092.112	.00096	284.71	284.98	-.0432	284.71
18092.681	.00096	284.98	285.26	-.0432	284.71
18093.249	.00120	284.98	284.98	-.0432	284.71
18093.249	.00120	284.98	284.98	-.0432	284.71
18093.817	.00120	284.98	284.98	-.0432	284.71
18094.385	.00144	284.71	284.98	-.0432	284.71
18094.953	.00144	284.98	285.26	-.0432	284.71
18095.521	.00144	284.98	285.26	-.0432	284.71
18096.089	.00168	284.71	285.26	-.0432	284.71
18096.657	.00168	284.71	284.98	-.0432	284.71
18097.225	.00168	284.98	284.98	-.0432	284.71
18097.793	.00144	284.98	284.98	-.0432	284.71
18098.361	.00144	284.71	284.98	-.0432	284.71
18098.361	.00144	284.71	284.98	-.0432	284.71
18098.930	.00144	284.71	284.98	-.0432	284.71
18099.498	.00144	284.98	284.98	-.0432	284.71
18100.066	.00144	284.98	284.98	-.0432	284.71
18100.634	.00120	284.71	284.98	-.0432	284.98
18101.202	.00120	284.98	284.98	-.0432	284.71

3.0 High Frequency Engineering Data

3.2 Plot of Ion Pump Monitor

ION PUMP MONITOR
HFE ENG DATA STS 35

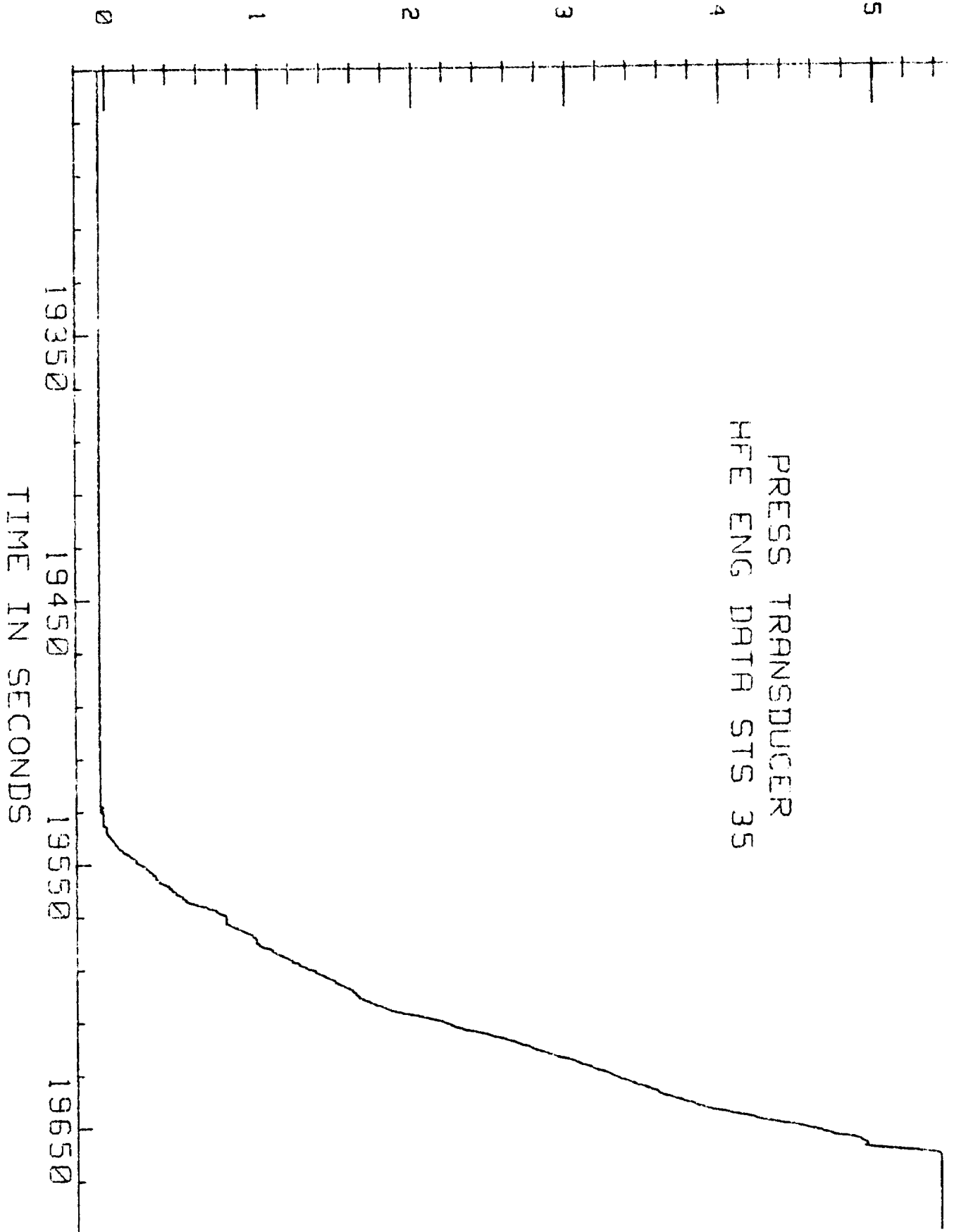


3.0 High Frequency Engineering Data

3.3 Plot of Pressure Transducer

PRESSURE IN TORR

PRESS TRANSDUCER
HFE ENG DATA STS 35



PRECEDING PAGE BLANK NOT FILMED

4.0 Pressure Transducer Calibrations

4.1 Printout of Pressure, Volts Out For, 1 and 1.0 PSIA

PRESSURE TRANSDUCER CALIBRATION

PRESSURE TORR	0.1 PSI VOLTS	1.0 PSI VOLTS
0.0000	-.1515	-.3790
.1001	-.0500	-.3690
.2005	.0500	-.3600
.3029	.1520	-.3500
.4009	.2480	-.3400
.5002	.3460	-.3310
.6298	.4730	-.3180
.7024	.5460	-.3110
.7998	.6400	-.3010
.8999	.7400	-.2920
1.0070	.8370	-.2830
1.1000	.9280	-.2730
1.2000	1.0260	-.2640
1.3040	1.1250	-.2550
1.4020	1.2220	-.2450
1.5010	1.3200	-.2360
1.6000	1.4170	-.2260
1.7080	1.5230	-.2140
2.0250	1.8350	-.1830
2.2030	2.0100	-.1660
2.4060	2.2060	-.1380
2.6020	2.3980	-.1280
2.9140	2.7030	-.0980
3.0080	2.7930	-.0890
3.2500	3.0300	-.0650
3.4060	3.1800	-.0510
3.7150	3.4810	-.0200
3.8110	3.5750	-.0110
3.9680	3.7280	.0035
4.2140	3.9680	.0270
4.4120	4.1600	.0460
4.6000	4.3430	.0640
4.8110	4.5460	.0840
5.0090	4.7370	.1030
5.2100	4.9330	.1220
5.3060	5.0270	.1320
5.5150	5.2300	.1520
5.7070	5.4150	.1720
6.0180	5.7150	.2000
6.2110	5.9020	.2190
6.4090	6.0940	.2380
6.6070	6.3070	.2570
6.8140	6.3300	.2770
7.0090	6.3300	.3000
8.0450	6.3300	.3960

PRESSURE TRANSDUCER CALIBRATION

PRESSURE TORR	0.1 PSI VOLTS	1.0 PSI VOLTS
8.0450	6.3300	.3960
9.0440	6.3300	.4930
10.1540	6.3300	.6000
11.1100	6.3300	.6910
12.1000	6.3300	.7860
13.4400	6.3300	.9290
14.1000	6.3300	.9810
15.1700	6.3300	1.0810
16.2200	6.3300	1.1830
17.1500	6.3300	1.2720
18.1100	6.3300	1.3620
19.1400	6.3300	1.4620
20.1000	6.3300	1.5530
22.1500	6.3300	1.7490
24.0900	6.3300	1.9340
26.5600	6.3300	2.1700
28.2600	6.3300	2.3310
30.1300	6.3300	2.5090
32.1600	6.3300	2.7020
34.2100	6.3300	2.8960
36.1000	6.3300	3.0740
38.1200	6.3300	3.2650
40.0900	6.3300	3.4530
42.1300	6.3300	3.6450
44.0400	6.3300	3.8250
46.0800	6.3300	4.0180
48.3000	6.3300	4.2260
50.1600	6.3300	4.4020
52.2000	6.3300	4.5930
54.0600	6.3300	4.7680
56.1200	6.3300	4.9630
58.2000	6.3300	5.1560
58.6900	6.3300	5.2030
60.1100	6.3300	5.3350

4.0 Pressure Transducer Calibrations

4.2 Plot and Curve Fit of Data

COEFFICIENTS FOR PLOT
DATA FROM PRESSCAL_L
DATA DESCRIPTION

1

$$y = AX^2 + BX + C$$

E(0)= -.141580329568

E(1)= .974358444

VALUE OF POLY AT .145307 EQUAL 7.7285465408E-7

R SQUARED = .999995795865

STD DEV OF Y -YCAL = .00383529600917

TABLE FOR PLOT 1

	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-1.515E-01	-1.416E-01	+9.920E-03	2.59
2	+1.001E-01	-5.000E-02	-4.405E-02	+5.953E-03	1.55
3	+2.005E-01	+5.000E-02	+5.378E-02	+3.779E-03	.99
4	+3.029E-01	+1.520E-01	+1.536E-01	+1.553E-03	.40
5	+4.009E-01	+2.480E-01	+2.490E-01	+1.040E-03	.27
6	+5.002E-01	+3.460E-01	+3.458E-01	-2.062E-04	-.05
7	+6.298E-01	+4.730E-01	+4.721E-01	-9.294E-04	-.24
8	+7.024E-01	+5.460E-01	+5.428E-01	-3.191E-03	-.83
9	+7.998E-01	+6.400E-01	+6.377E-01	-2.288E-03	-.60
10	+8.999E-01	+7.400E-01	+7.352E-01	-4.755E-03	-1.24
11	+1.007E+00	+8.370E-01	+8.396E-01	+2.599E-03	.68
12	+1.100E+00	+9.280E-01	+9.302E-01	+2.214E-03	.58
13	+1.200E+00	+1.026E+00	+1.028E+00	+1.650E-03	.43
14	+1.304E+00	+1.125E+00	+1.129E+00	+3.983E-03	1.04
15	+1.402E+00	+1.222E+00	+1.224E+00	+2.470E-03	.64
16	+1.501E+00	+1.320E+00	+1.321E+00	+9.317E-04	.24
17	+1.600E+00	+1.417E+00	+1.417E+00	+3.932E-04	.10
18	+1.708E+00	+1.523E+00	+1.523E+00	-3.761E-04	-.10
19	+2.025E+00	+1.835E+00	+1.831E+00	-3.504E-03	-.91
20	+2.203E+00	+2.010E+00	+2.005E+00	-5.069E-03	-1.32
21	+2.406E+00	+2.206E+00	+2.203E+00	-3.274E-03	-.85
22	+2.602E+00	+2.398E+00	+2.394E+00	-4.300E-03	-1.12
23	+2.914E+00	+2.703E+00	+2.698E+00	-5.300E-03	-1.38
24	+3.008E+00	+2.793E+00	+2.789E+00	-3.710E-03	-.97
25	+3.250E+00	+3.030E+00	+3.025E+00	-4.915E-03	-1.28
26	+3.406E+00	+3.180E+00	+3.177E+00	-2.915E-03	-.76
27	+3.715E+00	+3.481E+00	+3.478E+00	-2.839E-03	-.74
28	+3.811E+00	+3.575E+00	+3.572E+00	-3.300E-03	-.86
29	+3.968E+00	+3.728E+00	+3.725E+00	-3.326E-03	-.87
30	+4.214E+00	+3.968E+00	+3.964E+00	-3.634E-03	-.95
31	+4.412E+00	+4.160E+00	+4.157E+00	-2.711E-03	-.71
32	+4.600E+00	+4.343E+00	+4.340E+00	-2.531E-03	-.66
33	+4.811E+00	+4.546E+00	+4.546E+00	+5.814E-05	.02
34	+5.009E+00	+4.737E+00	+4.739E+00	+1.981E-03	.52
35	+5.210E+00	+4.933E+00	+4.935E+00	+1.827E-03	.48
36	+5.306E+00	+5.027E+00	+5.028E+00	+1.366E-03	.36
37	+5.515E+00	+5.230E+00	+5.232E+00	+2.006E-03	.52
38	+5.707E+00	+5.415E+00	+5.419E+00	+4.083E-03	1.06
39	+6.018E+00	+5.715E+00	+5.722E+00	+7.109E-03	1.85
40	+6.211E+00	+5.902E+00	+5.910E+00	+8.160E-03	2.13

COEFFICIENTS FOR PLOT
DATA FROM PRESSCAL_L
DATA DESCRIPTION

1

$$y = AX^2 + BX^1 + C$$

E(0)= -.146853228

E(1)= .980552232169

E(2)= -.00104896023023

VALUE OF POLY AT .14979 EQUAL 1.55289858611E-7

R SQUARED = .99999854947

STD DEV OF Y -YCAL = .00225280642225

TABLE FOR PLOT 1

	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-1.515E-01	-1.469E-01	+4.647E-03	2.06
2	+1.001E-01	-5.000E-02	-4.871E-02	+1.290E-03	.57
3	+2.005E-01	+5.000E-02	+4.971E-02	-2.947E-04	-.13
4	+3.029E-01	+1.520E-01	+1.501E-01	-1.940E-03	-.86
5	+4.009E-01	+2.480E-01	+2.461E-01	-1.918E-03	-.85
6	+5.002E-01	+3.460E-01	+3.434E-01	-2.643E-03	-1.17
7	+6.298E-01	+4.730E-01	+4.703E-01	-2.718E-03	-1.21
8	+7.024E-01	+5.460E-01	+5.414E-01	-4.631E-03	-2.06
9	+7.998E-01	+6.400E-01	+6.367E-01	-3.279E-03	-1.46
10	+8.999E-01	+7.400E-01	+7.347E-01	-5.304E-03	-2.35
11	+1.007E+00	+8.370E-01	+8.395E-01	+2.499E-03	1.11
12	+1.100E+00	+9.280E-01	+9.305E-01	+2.485E-03	1.10
13	+1.200E+00	+1.026E+00	+1.028E+00	+2.299E-03	1.02
14	+1.304E+00	+1.125E+00	+1.130E+00	+5.003E-03	2.22
15	+1.402E+00	+1.222E+00	+1.226E+00	+3.819E-03	1.70
16	+1.501E+00	+1.320E+00	+1.323E+00	+2.592E-03	1.15
17	+1.600E+00	+1.417E+00	+1.419E+00	+2.345E-03	1.04
18	+1.708E+00	+1.523E+00	+1.525E+00	+1.870E-03	.83
19	+2.025E+00	+1.835E+00	+1.834E+00	-5.364E-04	-.24
20	+2.203E+00	+2.010E+00	+2.008E+00	-1.787E-03	-.79
21	+2.406E+00	+2.206E+00	+2.206E+00	+2.832E-04	.13
22	+2.602E+00	+2.398E+00	+2.397E+00	-5.582E-04	-.25
23	+2.914E+00	+2.703E+00	+2.702E+00	-1.431E-03	-.64
24	+3.008E+00	+2.793E+00	+2.793E+00	+1.568E-04	.07
25	+3.250E+00	+3.030E+00	+3.029E+00	-1.138E-03	-.51
26	+3.406E+00	+3.180E+00	+3.181E+00	+7.389E-04	.33
27	+3.715E+00	+3.481E+00	+3.481E+00	+4.214E-04	.19
28	+3.811E+00	+3.575E+00	+3.575E+00	-2.035E-04	-.09
29	+3.968E+00	+3.728E+00	+3.727E+00	-5.379E-04	-.24
30	+4.214E+00	+3.968E+00	+3.967E+00	-1.433E-03	-.64
31	+4.412E+00	+4.160E+00	+4.159E+00	-1.076E-03	-.48
32	+4.600E+00	+4.343E+00	+4.341E+00	-1.509E-03	-.67
33	+4.811E+00	+4.546E+00	+4.546E+00	+3.046E-04	.14
34	+5.009E+00	+4.737E+00	+4.738E+00	+1.414E-03	.63
35	+5.210E+00	+4.933E+00	+4.933E+00	+3.508E-04	.16
36	+5.306E+00	+5.027E+00	+5.026E+00	-5.751E-04	-.26
37	+5.515E+00	+5.230E+00	+5.229E+00	-1.012E-03	-.45
38	+5.707E+00	+5.415E+00	+5.415E+00	-6.115E-06	-0.00
39	+6.018E+00	+5.715E+00	+5.716E+00	+1.121E-03	.50
40	+6.211E+00	+5.902E+00	+5.903E+00	+8.914E-04	.40

COEFFICIENTS FOR PLOT
DATA FROM PRESSCAL_H
DATA DESCRIPTION

1

$$y = AX^2 + Bx + C$$

E(0)= -.372485811207

E(1)= .0952637357543

VALUE OF POLY AT 3.910049 EQUAL 6.35157895723E-8

R SQUARED = .999981436226

STD DEV OF Y -YCAL = .00738937385737

TABLE FOR PLOT 1

	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-3.790E-01	-3.725E-01	+6.514E-03	.88
2	+1.001E-01	-3.690E-01	-3.629E-01	+6.050E-03	.82
3	+2.005E-01	-3.600E-01	-3.534E-01	+6.615E-03	.90
4	+3.029E-01	-3.500E-01	-3.436E-01	+6.370E-03	.85
5	+4.009E-01	-3.400E-01	-3.343E-01	+5.705E-03	.77
6	+5.002E-01	-3.310E-01	-3.248E-01	+6.165E-03	.83
7	+6.298E-01	-3.180E-01	-3.125E-01	+5.511E-03	.75
8	+7.024E-01	-3.110E-01	-3.056E-01	+5.427E-03	.73
9	+7.998E-01	-3.010E-01	-2.963E-01	+4.706E-03	.64
10	+8.999E-01	-2.920E-01	-2.868E-01	+5.242E-03	.71
11	+1.007E+00	-2.830E-01	-2.766E-01	+6.445E-03	.87
12	+1.100E+00	-2.730E-01	-2.677E-01	+5.304E-03	.72
13	+1.200E+00	-2.640E-01	-2.582E-01	+5.831E-03	.79
14	+1.304E+00	-2.550E-01	-2.483E-01	+6.738E-03	.91
15	+1.402E+00	-2.450E-01	-2.389E-01	+6.074E-03	.82
16	+1.501E+00	-2.360E-01	-2.295E-01	+6.505E-03	.88
17	+1.600E+00	-2.260E-01	-2.201E-01	+5.936E-03	.80
18	+1.708E+00	-2.140E-01	-2.098E-01	+4.225E-03	.57
19	+2.025E+00	-1.830E-01	-1.796E-01	+3.423E-03	.46
20	+2.203E+00	-1.660E-01	-1.626E-01	+3.380E-03	.46
21	+2.406E+00	-1.380E-01	-1.433E-01	-5.281E-03	-.71
22	+2.602E+00	-1.280E-01	-1.246E-01	+3.390E-03	.46
23	+2.914E+00	-9.800E-02	-9.489E-02	+3.113E-03	.42
24	+3.008E+00	-8.900E-02	-8.593E-02	+3.068E-03	.42
25	+3.250E+00	-6.500E-02	-6.288E-02	+2.121E-03	.29
26	+3.406E+00	-5.100E-02	-4.802E-02	+2.982E-03	.40
27	+3.715E+00	-2.000E-02	-1.858E-02	+1.419E-03	.19
28	+3.811E+00	-1.100E-02	-9.436E-03	+1.564E-03	.21
29	+3.968E+00	+3.500E-03	+5.521E-03	+2.021E-03	.27
30	+4.214E+00	+2.700E-02	+2.896E-02	+1.956E-03	.26
31	+4.412E+00	+4.600E-02	+4.782E-02	+1.818E-03	.25
32	+4.600E+00	+6.400E-02	+6.573E-02	+1.727E-03	.23
33	+4.811E+00	+8.400E-02	+8.583E-02	+1.828E-03	.25
34	+5.009E+00	+1.030E-01	+1.047E-01	+1.690E-03	.23
35	+5.210E+00	+1.220E-01	+1.238E-01	+1.838E-03	.25
36	+5.306E+00	+1.320E-01	+1.330E-01	+9.836E-04	.13
37	+5.515E+00	+1.520E-01	+1.529E-01	+8.937E-04	.12
38	+5.707E+00	+1.720E-01	+1.712E-01	-8.157E-04	-.11
39	+6.018E+00	+2.000E-01	+2.008E-01	+8.114E-04	.11
40	+6.211E+00	+2.190E-01	+2.192E-01	+1.973E-04	.03

41	+6.409E+00	+2.380E-01	+2.381E-01	+5.947E-05	.01
42	+6.607E+00	+2.570E-01	+2.569E-01	-7.831E-05	-.01
43	+6.814E+00	+2.770E-01	+2.766E-01	-3.587E-04	-.05
44	+7.009E+00	+3.000E-01	+2.952E-01	-4.782E-03	-.65
45	+8.045E+00	+3.960E-01	+3.939E-01	-2.089E-03	-.28
46	+9.044E+00	+4.930E-01	+4.891E-01	-3.921E-03	-.53
47	+1.015E+01	+6.000E-01	+5.948E-01	-5.178E-03	-.70
48	+1.111E+01	+6.910E-01	+6.859E-01	-5.106E-03	-.69
49	+1.210E+01	+7.860E-01	+7.802E-01	-5.795E-03	-.78
50	+1.344E+01	+9.290E-01	+9.079E-01	-2.114E-02	-2.86
51	+1.410E+01	+9.810E-01	+9.707E-01	-1.027E-02	-1.39
52	+1.517E+01	+1.081E+00	+1.073E+00	-8.335E-03	-1.13
53	+1.622E+01	+1.183E+00	+1.173E+00	-1.031E-02	-1.39
54	+1.715E+01	+1.272E+00	+1.261E+00	-1.071E-02	-1.45
55	+1.811E+01	+1.362E+00	+1.353E+00	-9.260E-03	-1.25
56	+1.914E+01	+1.462E+00	+1.451E+00	-1.114E-02	-1.51
57	+2.010E+01	+1.553E+00	+1.542E+00	-1.068E-02	-1.45
58	+2.215E+01	+1.749E+00	+1.738E+00	-1.139E-02	-1.54
59	+2.409E+01	+1.934E+00	+1.922E+00	-1.158E-02	-1.57
60	+2.656E+01	+2.170E+00	+2.158E+00	-1.228E-02	-1.66
61	+2.826E+01	+2.331E+00	+2.320E+00	-1.133E-02	-1.53
62	+3.013E+01	+2.509E+00	+2.498E+00	-1.119E-02	-1.51
63	+3.216E+01	+2.702E+00	+2.691E+00	-1.080E-02	-1.46
64	+3.421E+01	+2.896E+00	+2.886E+00	-9.513E-03	-1.29
65	+3.610E+01	+3.074E+00	+3.067E+00	-7.465E-03	-1.01
66	+3.812E+01	+3.265E+00	+3.259E+00	-6.032E-03	-.62
67	+4.009E+01	+3.453E+00	+3.447E+00	-6.363E-03	-.66
68	+4.213E+01	+3.645E+00	+3.641E+00	-4.025E-03	-.54
69	+4.404E+01	+3.825E+00	+3.823E+00	-2.071E-03	-.28
70	+4.608E+01	+4.018E+00	+4.017E+00	-7.329E-04	-.10
71	+4.830E+01	+4.226E+00	+4.229E+00	+2.753E-03	.37
72	+5.016E+01	+4.402E+00	+4.406E+00	+3.943E-03	.53
73	+5.220E+01	+4.593E+00	+4.600E+00	+7.281E-03	.99
74	+5.406E+01	+4.768E+00	+4.777E+00	+9.472E-03	1.28
75	+5.612E+01	+4.963E+00	+4.974E+00	+1.072E-02	1.45
76	+5.820E+01	+5.156E+00	+5.172E+00	+1.586E-02	2.15
77	+5.869E+01	+5.203E+00	+5.219E+00	+1.554E-02	2.10
78	+6.011E+01	+5.335E+00	+5.354E+00	+1.882E-02	2.55

COEFFICIENTS FOR PLOT
DATA FROM PRESSCAL_H
DATA DESCRIPTION

1

$$y = AX^2 + BX + C$$

E(0)= -.379243544829

E(1)= .0966908161208

E(2)= -2.72799209508E-5

VALUE OF POLY AT 3.92658 EQUAL 7.72914930938E-6

R SQUARED = .999998511834

STD DEV OF Y -YCAL = .00209218560607

TABLE FOR PLOT 1

	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-3.790E-01	-3.792E-01	-2.435E-04	-.12
2	+1.001E-01	-3.690E-01	-3.696E-01	-5.651E-04	-.27
3	+2.005E-01	-3.600E-01	-3.599E-01	+1.419E-04	.07
4	+3.029E-01	-3.500E-01	-3.500E-01	+4.160E-05	.02
5	+4.009E-01	-3.400E-01	-3.405E-01	-4.846E-04	-.23
6	+5.002E-01	-3.310E-01	-3.309E-01	+1.144E-04	.05
7	+6.298E-01	-3.180E-01	-3.184E-01	-3.585E-04	-.17
8	+7.024E-01	-3.110E-01	-3.113E-01	-3.414E-04	-.16
9	+7.998E-01	-3.010E-01	-3.019E-01	-9.277E-04	-.44
10	+8.999E-01	-2.920E-01	-2.923E-01	-2.536E-04	-.12
11	+1.007E+00	-2.830E-01	-2.819E-01	+1.096E-03	.52
12	+1.100E+00	-2.730E-01	-2.729E-01	+8.334E-05	.04
13	+1.200E+00	-2.640E-01	-2.633E-01	+7.462E-04	.36
14	+1.304E+00	-2.550E-01	-2.532E-01	+1.795E-03	.86
15	+1.402E+00	-2.450E-01	-2.437E-01	+1.263E-03	.60
16	+1.501E+00	-2.360E-01	-2.342E-01	+1.828E-03	.87
17	+1.600E+00	-2.260E-01	-2.246E-01	+1.392E-03	.67
18	+1.708E+00	-2.140E-01	-2.142E-01	-1.752E-04	-.08
19	+2.025E+00	-1.830E-01	-1.836E-01	-5.565E-04	-.27
20	+2.203E+00	-1.660E-01	-1.664E-01	-3.661E-04	-.17
21	+2.406E+00	-1.380E-01	-1.468E-01	-8.763E-03	-4.19
22	+2.602E+00	-1.280E-01	-1.278E-01	+1.613E-04	.08
23	+2.914E+00	-9.800E-02	-9.772E-02	+2.818E-04	.13
24	+3.008E+00	-8.900E-02	-8.864E-02	+3.556E-04	.17
25	+3.250E+00	-6.500E-02	-6.529E-02	-2.865E-04	-.14
26	+3.406E+00	-5.100E-02	-5.023E-02	+7.689E-04	.37
27	+3.715E+00	-2.000E-02	-2.041E-02	-4.137E-04	-.20
28	+3.811E+00	-1.100E-02	-1.115E-02	-1.511E-04	-.07
29	+3.968E+00	+3.500E-03	+3.996E-03	+4.961E-04	.24
30	+4.214E+00	+2.700E-02	+2.773E-02	+7.271E-04	.35
31	+4.412E+00	+4.600E-02	+4.683E-02	+8.253E-04	.39
32	+4.600E+00	+6.400E-02	+6.496E-02	+9.570E-04	.46
33	+4.811E+00	+8.400E-02	+8.530E-02	+1.305E-03	.62
34	+5.009E+00	+1.030E-01	+1.044E-01	+1.396E-03	.67
35	+5.210E+00	+1.220E-01	+1.238E-01	+1.775E-03	.85
36	+5.306E+00	+1.320E-01	+1.330E-01	+1.030E-03	.49
37	+5.515E+00	+1.520E-01	+1.532E-01	+1.177E-03	.56
38	+5.707E+00	+1.720E-01	+1.717E-01	-3.176E-04	-.15
39	+6.018E+00	+2.000E-01	+2.017E-01	+1.654E-03	.79
40	+6.211E+00	+2.190E-01	+2.203E-01	+1.251E-03	.60

41	+6.409E+00	+2.380E-01	+2.393E-01	+1.327E-03	.63
42	+6.607E+00	+2.570E-01	+2.584E-01	+1.402E-03	.67
43	+6.814E+00	+2.770E-01	+2.783E-01	+1.341E-03	.64
44	+7.009E+00	+3.000E-01	+2.971E-01	-2.878E-03	-1.38
45	+8.045E+00	+3.960E-01	+3.969E-01	+8.685E-04	.42
46	+9.044E+00	+4.930E-01	+4.930E-01	-3.136E-06	-0.00
47	+1.015E+01	+6.000E-01	+5.997E-01	-2.577E-04	-.12
48	+1.111E+01	+6.910E-01	+6.916E-01	+6.242E-04	.30
49	+1.210E+01	+7.860E-01	+7.867E-01	+7.213E-04	.34
50	+1.344E+01	+9.290E-01	+9.154E-01	-1.365E-02	-6.52
51	+1.410E+01	+9.810E-01	+9.787E-01	-2.327E-03	-1.11
52	+1.517E+01	+1.091E+00	+1.081E+00	+2.782E-04	.13
53	+1.622E+01	+1.183E+00	+1.182E+00	-1.096E-03	-.52
54	+1.715E+01	+1.272E+00	+1.271E+00	-1.020E-03	-.49
55	+1.811E+01	+1.362E+00	+1.363E+00	+8.801E-04	.42
56	+1.914E+01	+1.462E+00	+1.461E+00	-5.750E-04	-.27
57	+2.010E+01	+1.553E+00	+1.553E+00	+2.205E-04	.11
58	+2.215E+01	+1.749E+00	+1.749E+00	+7.389E-05	.04
59	+2.409E+01	+1.934E+00	+1.934E+00	+2.069E-04	.10
60	+2.656E+01	+2.170E+00	+2.170E+00	-3.796E-04	-.18
61	+2.826E+01	+2.331E+00	+2.331E+00	+4.524E-04	.22
62	+3.013E+01	+2.509E+00	+2.509E+00	+2.856E-04	.14
63	+3.216E+01	+2.702E+00	+2.702E+00	+1.184E-04	.06
64	+3.421E+01	+2.896E+00	+2.897E+00	+6.229E-04	.30
65	+3.610E+01	+3.074E+00	+3.076E+00	+1.743E-03	.83
66	+3.812E+01	+3.265E+00	+3.267E+00	+1.969E-03	.94
67	+4.009E+01	+3.453E+00	+3.453E+00	+2.468E-04	.12
68	+4.213E+01	+3.645E+00	+3.646E+00	+9.204E-04	.44
69	+4.404E+01	+3.825E+00	+3.826E+00	+1.110E-03	.53
70	+4.608E+01	+4.018E+00	+4.018E+00	+3.440E-04	.16
71	+4.830E+01	+4.226E+00	+4.227E+00	+1.282E-03	.61
72	+5.016E+01	+4.402E+00	+4.402E+00	+1.308E-04	.06
73	+5.220E+01	+4.593E+00	+4.594E+00	+6.836E-04	.33
74	+5.406E+01	+4.768E+00	+4.768E+00	+1.369E-04	.07
75	+5.612E+01	+4.963E+00	+4.961E+00	-1.872E-03	-.89
76	+5.820E+01	+5.156E+00	+5.156E+00	-2.417E-04	-.12
77	+5.869E+01	+5.203E+00	+5.202E+00	-1.426E-03	-.68
78	+6.011E+01	+5.335E+00	+5.334E+00	-7.267E-04	-.35

DATA FROM PRESSCAL_H
DATA DESCRIPTION

$$y = AX^2 + BX + C$$

E(0)= -.379256299816
E(1)= .0966530906185
E(2)= -2.65380880741E-5
VALUE OF POLY AT 3.928129 EQUAL 2.04438836415E-8
R SQUARED = .999999357269
STD DEV OF Y -YCAL = .00138389174779

TABLE FOR PLOT 1

	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-3.790E-01	-3.793E-01	-2.563E-04	-.19
2	+1.001E-01	-3.690E-01	-3.696E-01	-5.816E-04	-.42
3	+2.005E-01	-3.600E-01	-3.599E-01	+1.216E-04	.09

5920 GOTO 5960

SCRATCH ILOAD " I CAT IRE-STORE " I LIST
COEFFICIENTS FOR PLOT 1
DATA FROM PRESSCAL_H
DATA DESCRIPTION

$$y = AX^2 + BX + C$$

E(0)= -.379256299816
E(1)= .0966530906185
E(2)= -2.65380880741E-5
VALUE OF POLY AT 3.928129 EQUAL 2.04438836415E-8
R SQUARED = .999999357269
STD DEV OF Y -YCAL = .00138389174779

TABLE FOR PLOT 1

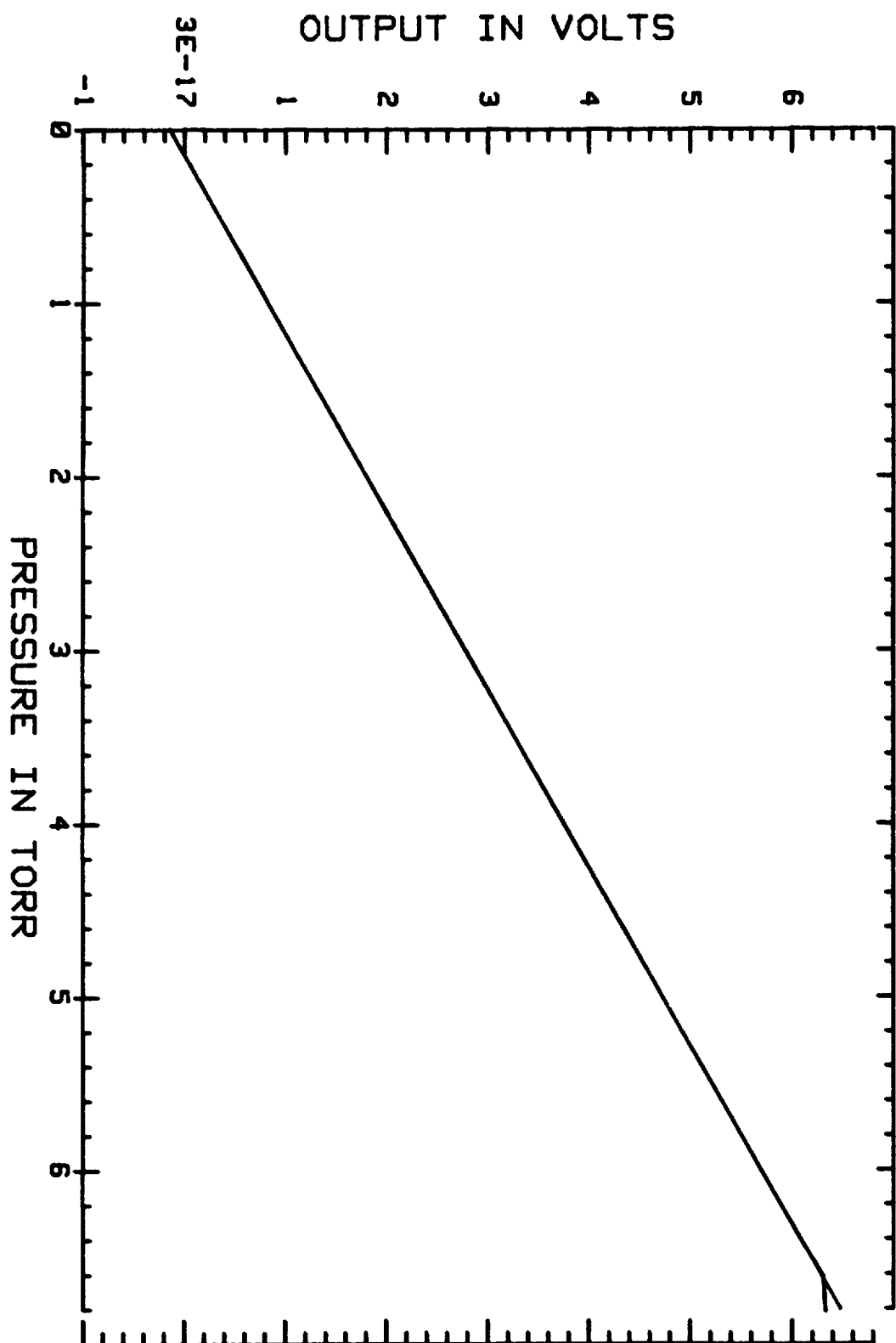
	X	Y	CAL Y	Y-CAL Y	SIGMA
1	+0.000E+00	-3.790E-01	-3.793E-01	-2.563E-04	-.19
2	+1.001E-01	-3.690E-01	-3.696E-01	-5.816E-04	-.42
3	+2.005E-01	-3.600E-01	-3.599E-01	+1.216E-04	.09
4	+3.029E-01	-3.500E-01	-3.500E-01	+1.749E-05	.01
5	+4.009E-01	-3.400E-01	-3.405E-01	-5.123E-04	-.37
6	+5.002E-01	-3.310E-01	-3.309E-01	+8.294E-05	.06
7	+6.298E-01	-3.180E-01	-3.184E-01	-3.947E-04	-.29
8	+7.024E-01	-3.110E-01	-3.114E-01	-3.803E-04	-.27
9	+7.998E-01	-3.010E-01	-3.020E-01	-9.701E-04	-.70
10	+8.999E-01	-2.920E-01	-2.923E-01	-2.997E-04	-.22
11	+1.007E+00	-2.830E-01	-2.820E-01	+1.046E-03	.76
12	+1.100E+00	-2.730E-01	-2.730E-01	+2.999E-05	.02
13	+1.200E+00	-2.640E-01	-2.633E-01	+6.892E-04	.50
14	+1.304E+00	-2.550E-01	-2.533E-01	+1.734E-03	1.25
15	+1.402E+00	-2.450E-01	-2.438E-01	+1.199E-03	.87
16	+1.501E+00	-2.360E-01	-2.342E-01	+1.760E-03	1.27
17	+1.600E+00	-2.260E-01	-2.247E-01	+1.321E-03	.95
18	+1.708E+00	-2.140E-01	-2.143E-01	-2.502E-04	-.18
19	+2.025E+00	-1.830E-01	-1.836E-01	-6.426E-04	-.46
20	+2.203E+00	-1.660E-01	-1.665E-01	-4.583E-04	-.33

21	+2.406E+00	-1.380E-01	-1.469E-01	-8.863E-03	-6.40
22	+2.602E+00	-1.280E-01	-1.279E-01	+5.537E-05	.04
23	+2.914E+00	-9.800E-02	-9.783E-02	+1.655E-04	.12
24	+3.008E+00	-8.900E-02	-8.876E-02	+2.361E-04	.17
25	+3.250E+00	-6.500E-02	-6.541E-02	-4.141E-04	-.30
26	+3.406E+00	-5.100E-02	-5.036E-02	+6.363E-04	.46
27	+3.715E+00	-2.000E-02	-2.056E-02	-5.563E-04	-.40
28	+3.811E+00	-1.100E-02	-1.130E-02	-2.968E-04	-.21
29	+3.968E+00	+3.500E-03	+3.845E-03	+3.453E-04	.25
30	+4.214E+00	+2.700E-02	+2.757E-02	+5.686E-04	.41
31	+4.412E+00	+4.600E-02	+4.666E-02	+6.606E-04	.48
32	+4.600E+00	+6.400E-02	+6.479E-02	+7.864E-04	.57
33	+4.811E+00	+8.400E-02	+8.513E-02	+1.127E-03	.81
34	+5.009E+00	+1.030E-01	+1.042E-01	+1.213E-03	.88
35	+5.210E+00	+1.220E-01	+1.236E-01	+1.586E-03	1.15
36	+5.306E+00	+1.320E-01	+1.328E-01	+8.379E-04	.61
37	+5.515E+00	+1.520E-01	+1.530E-01	+9.783E-04	.71
38	+5.707E+00	+1.720E-01	+1.715E-01	-5.215E-04	-.38
39	+6.018E+00	+2.000E-01	+2.014E-01	+1.441E-03	1.04
40	+6.211E+00	+2.190E-01	+2.200E-01	+1.032E-03	.75
41	+6.409E+00	+2.380E-01	+2.391E-01	+1.103E-03	.80
42	+6.607E+00	+2.570E-01	+2.582E-01	+1.172E-03	.85
43	+6.814E+00	+2.770E-01	+2.781E-01	+1.106E-03	.80
44	+7.009E+00	+3.000E-01	+2.969E-01	-3.118E-03	-2.25
45	+8.045E+00	+3.960E-01	+3.966E-01	+6.002E-04	.43
46	+9.044E+00	+4.930E-01	+4.927E-01	-2.964E-04	-.21
47	+1.015E+01	+6.000E-01	+5.994E-01	-5.770E-04	-.42
48	+1.111E+01	+6.910E-01	+6.913E-01	+2.839E-04	.21
49	+1.210E+01	+7.860E-01	+7.864E-01	+3.607E-04	.26
50	+1.410E+01	+9.810E-01	+9.783E-01	-2.724E-03	-1.97
51	+1.517E+01	+1.081E+00	+1.081E+00	-1.361E-04	-.10
52	+1.622E+01	+1.183E+00	+1.181E+00	-1.525E-03	-1.10
53	+1.715E+01	+1.272E+00	+1.271E+00	-1.461E-03	-1.06
54	+1.811E+01	+1.362E+00	+1.362E+00	+4.274E-04	.31
55	+1.914E+01	+1.462E+00	+1.461E+00	-1.038E-03	-.75
56	+2.010E+01	+1.553E+00	+1.553E+00	-2.508E-04	-.18
57	+2.215E+01	+1.749E+00	+1.749E+00	-4.105E-04	-.30
58	+2.409E+01	+1.934E+00	+1.934E+00	-2.841E-04	-.21
59	+2.656E+01	+2.170E+00	+2.169E+00	-8.711E-04	-.63
60	+2.826E+01	+2.331E+00	+2.331E+00	-3.401E-05	-.02
61	+3.013E+01	+2.509E+00	+2.509E+00	-1.904E-04	-.14
62	+3.216E+01	+2.702E+00	+2.702E+00	-3.403E-04	-.25
63	+3.421E+01	+2.896E+00	+2.896E+00	+1.878E-04	.14
64	+3.610E+01	+3.074E+00	+3.075E+00	+1.336E-03	.97
65	+3.812E+01	+3.265E+00	+3.267E+00	+1.596E-03	1.15
66	+4.009E+01	+3.453E+00	+3.453E+00	-8.613E-05	-.06
67	+4.213E+01	+3.645E+00	+3.646E+00	+6.350E-04	.46
68	+4.404E+01	+3.825E+00	+3.826E+00	+8.746E-04	.63
69	+4.608E+01	+4.018E+00	+4.018E+00	+1.680E-04	.12
70	+4.830E+01	+4.226E+00	+4.227E+00	+1.178E-03	.85
71	+5.016E+01	+4.402E+00	+4.402E+00	+9.222E-05	.07
72	+5.220E+01	+4.593E+00	+4.594E+00	+7.230E-04	.52
73	+5.406E+01	+4.768E+00	+4.768E+00	+2.527E-04	.18
74	+5.612E+01	+4.963E+00	+4.961E+00	-1.665E-03	-1.20
75	+5.820E+01	+5.156E+00	+5.156E+00	+6.270E-05	.05
76	+5.869E+01	+5.203E+00	+5.202E+00	-1.097E-03	-.79
77	+6.011E+01	+5.335E+00	+5.335E+00	-3.268E-04	-.24

4.0 Pressure Transducer Calibrations

4.3 Plot of 0.1 PSIA Data

0 - 0.1 PSIA TRAVIS
PRESSURE TRANSDUCER



4.0 Pressure Transducer Calibrations

4.4 Plot of 1.0 PSIA Data

0 - 1 PSIA TAVIS
PRESSURE TRANSDUCER

